#### STATUTORY INSTRUMENTS

## 1995 No. 1412

## **AGRICULTURE**

# The Feeding Stuffs Regulations 1995

Made - - - - 26th May 1995
Laid before Parliament 9th June 1995
Coming into force - - 30th June 1995

The Minister of Agriculture, Fisheries and Food, the Secretary of State for Scotland and the Secretary of State for Wales, acting jointly, in exercise of the powers conferred by sections 66(1), 68(1), (1A) and (3), 69(1), (3), (6) and (7), 70(1), 74(1), 74A and 84 of the Agriculture Act 1970(1) and of all other powers enabling them in that behalf, after consultation in accordance with section 84(1) of the said Act with such persons or organisations as appear to them to represent the interests concerned, and the Minister of Agriculture, Fisheries and Food and the Secretary of State, being Ministers designated(2) for the purposes of section 2(2) of the European Communities Act 1972(3) in relation to the common agricultural policy of the European Community, acting jointly, in exercise of the powers conferred on them by the said section 2(2), and of all other powers enabling them in that behalf, hereby make the following Regulations:—

#### Title and commencement

**1.** These Regulations may be cited as the Feeding Stuffs Regulations 1995, and shall come into force on 30th June 1995.

## Interpretation

**2.**—(1) In these Regulations, unless the context otherwise requires—

"the Act" means the Agriculture Act 1970;

"additive" means any substance, or preparation containing any substance, other than a premixture, which, when incorporated into a feeding stuff, is likely to affect its characteristics or livestock production;

<sup>(1) 1970</sup> c. 40; section 74A was inserted by the European Communities Act 1972, c. 68, Schedule 4, paragraph 6, and the Act was amended by the Agriculture Act 1970 Amendment Regulations 1982 (S.I.1982/980). Section 66(1) contains definitions of the expressions "the Ministers", "prescribed" and "regulations"; the definition of "the Ministers" was amended by the Transfer of Functions (Wales) (No. 1) Order 1978 (S.I. 1978/272), Schedule 5, paragraph 1.

<sup>(2)</sup> S.I. 1972/1811.

<sup>(3) 1972</sup> c. 68; section 2 is subject to Schedule 2 to the Act and is to be read, as regards England and Wales, with section 40 of the Criminal Justice Act 1982 (c. 48), and as regards Scotland, with sections 289F and 289G of the Criminal Procedure (Scotland) Act 1975 (c. 21), which were inserted by section 54 of the said Act of 1982.

"ash" means the matter which results from the treatment of a feeding stuff in accordance with the appropriate procedure described in method 12 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(4);

"complementary feeding stuff" means a mixture of feedings stuffs which has a high content of certain substances and which, by reason of its composition, is sufficient for a daily ration only if it is used in combination with other feeding stuffs;

"complete feeding stuff" means a compound feeding stuff which, by reason of its composition, is sufficient to ensure a daily ration;

"compound feeding stuff" means a mixture of products of vegetable or animal origin in their natural state, fresh or preserved, or products derived from the industrial processing thereof, or organic or inorganic substances, whether or not containing additives, for oral animal feeding in the form of complete feeding stuffs or complementary feeding stuffs;

"daily ration" means the average total quantity of feeding stuff, expressed on a 12 per cent moisture basis, required daily by an animal of a given kind, age group and level of production in order to satisfy all its nutritional needs;

"energy value" means the energy value of a feeding stuff calculated in accordance with the relevant method described in Schedule 9:

"fat" means the extract obtained following the treatment of a feeding stuff in accordance with the appropriate procedure described in method 3 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(5);

"feeding stuff", subject to regulation 15(10), has the meaning attributed to it by section 66(1) as modified by regulation 20(1);

"feeding stuff intended for a particular nutritional purpose" means a compound feeding stuff, the composition or method of manufacture of which distinguishes it from other feeding stuffs and from the type of products defined in Council Directive 90/167/EEC, laying down the conditions governing the preparation, placing on the market and use of medicated feeding stuffs in the Community(6), and in respect of which any indication is given that it is intended for a particular nutritional purpose;

"fibre" means the organic matter calculated following the treatment of a feeding stuff in accordance with the procedure described in method 9 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(5);

"ingredient" means—

- (a) a product of vegetable or animal origin, in its original state, fresh or preserved;
- (b) any product derived from such a product by industrial processing; or
- (c) any organic or inorganic substance,

whether containing additives or not, which is intended for circulation as a straight feeding stuff or for the preparation of a compound feeding stuff or as a carrier of a premixture;

"medicinal product" and "medicinal purpose" have the meanings assigned to them by section 130(1) and (2) respectively of the Medicines Act 1968(7);

"milk replacer feed" means a compound feeding stuff administered in dry form, or after reconstitution with a given quantity of liquid, for feeding young animals as a supplement to, or substitute for, post-colostral milk or for feeding calves intended for slaughter;

<sup>(4)</sup> S.I. 1982/1144, amended by S.I. 1984/52, 1985/1119 and 1994/1610.

<sup>(5)</sup> Method 3 was substituted by S.I. 1985/1119 and method 9 was amended by S.I. 1994/1610.

<sup>(6)</sup> OJ No. L92, 7.4.1990, p.42.

<sup>(5)</sup> Method 3 was substituted by S.I. 1985/1119 and method 9 was amended by S.I. 1994/1610.

<sup>(7) 1968</sup> c. 67.

"mineral feeding stuff" means a complementary feeding stuff which is composed mainly of minerals and which contains at least 40 per cent by weight of ash;

"minimum storage life" means, in relation to a compound feeding stuff, the date until which, under proper storage conditions, that feeding stuff retains its specific properties;

"molassed feeding stuff" means a complementary feeding stuff prepared from molasses and which contains at least 14 per cent by weight of total sugar expressed as sucrose;

"moisture" means water and other volatile material determined in accordance with the procedure described in method 2 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

"name", in relation to an additive, means the name used in relation to an additive referred to in paragraph 6(1) of, or specified in the Table to, Schedule 4;

"national list" means the list of manufacturers of compound feeding stuffs published in London by the Ministry of Agriculture, Fisheries and Food for the purposes of Article 3a(2)(a) of Council Directive 74/63/EEC on undesirable substances and products in animal nutrition(8);

"oil" means the extract obtained following the treatment of a feeding stuff in accordance with the appropriate procedure described in method 3 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

"particular nutritional purpose" means the purpose of satisfying any nutritional requirement of pet animals or productive livestock, the process of assimilation or absorption of which, or the metabolism of which, may be temporarily impaired, or is temporarily or permanently impaired, and which may therefore benefit from ingestion of a feeding stuff capable of achieving that purpose;

"pet food" means a feeding stuff for pet animals and "compound pet food" shall be construed accordingly;

"premixture" means a mixture of additives, or a mixture of one or more additives with substances used as carriers, intended for the manufacture of feeding stuffs;

"protein" means the matter obtained as a result of treatment of a feeding stuff in accordance with the procedure described in method 4 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(9);

"protein equivalent of urea, biuret, urea phosphate and diureidoisobutane" means the amount of urea, biuret, urea phosphate and diureidoisobutane nitrogen multiplied by 6.25;

"starch" means the matter obtained as the result of treatment of the feeding stuff in accordance with method 30a or 30b, as appropriate, of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982;

"straight feeding stuff" means a vegetable or animal product in its natural state, fresh or preserved, and any product derived from the industrial processing thereof, and any single organic or inorganic substance, whether or not it contains any additive, intended as such for oral animal feeding.

- (2) Any reference in these Regulations to a numbered regulation or Schedule shall, unless the context otherwise requires, be construed as a reference to the regulation or Schedule bearing that number in these Regulations.
- (3) Any reference in these Regulations to a numbered section shall, unless the reference is to a section of a specified Act, be construed as a reference to the section bearing that number in the Act.

<sup>(8)</sup> OJ No. L38, 11.2.74, p.31, amended by Council Directive 86/354/EEC (OJ No. L212, 2.8.86, p.27).

<sup>(9)</sup> Method 4 was substituted by S.I. 1994/1610.

#### Descriptions of animals prescribed for the purpose of the definition of feeding stuff

**3.** For the purposes of the definition of feeding stuff in section 66(1), bulls, cows, steers, heifers, calves, sheep, lambs, goats, kids, swine, piglets, horses, foals, deer, rabbits (other than pet rabbits), mink, partridges, pheasants, poultry, bees and farmed fish are prescribed animals.

#### Prescribed descriptions of material

**4.** The description of material prescribed for the purposes of sections 68(1) and 69(1) shall be any material usable as a feeding stuff (other than a straight feeding stuff intended for use as a pet food), and any material usable as an ingredient or additive in such a feeding stuff.

# Matters required and permitted to be contained in a statutory statement or otherwise declared

**5.** The particulars, information and instructions required, and the particulars, information and instructions permitted, to be contained in a statutory statement or otherwise declared shall comply with the provisions of Schedule 1 and Part I of Schedule 8.

#### Forms of statutory statement

- **6.**—(1) In the case of material of the prescribed description delivered in a package or other container the statutory statement shall either—
  - (a) take the form of a label attached to that package or container; or
  - (b) be clearly marked directly thereon;

and in the case of such material delivered in bulk, the statutory statement shall take the form of a document relating to each consignment.

- (2) The particulars, information and instructions required by section 68(1) and permitted by section 68(1A) to be contained in a statutory statement shall—
  - (a) be clearly separate from any other information,
  - (b) be in English, and
  - (c) be legible and indelible.
- (3) For the purposes of section 69 (marking of material prepared for sale), material of the prescribed description which is contained in a package or other container shall be labelled or marked in the manner prescribed in relation to such material in paragraph (1) of this regulation, and such material in bulk shall be marked by the display in as close proximity to the material as may be practicable of a document relating thereto.
- (4) In this regulation "the prescribed description" means the description prescribed by regulation 4.

#### Time by which a statutory statement relating to certain material must be given

7. For the purpose of section 68(3), any statutory statement required to be given on the sale of any straight feeding stuff delivered in bulk may be given as soon as practicable after delivery to the purchaser.

#### Register of marks

**8.**—(1) As respects any straight feeding stuff, the matters required by section 69(1) to be marked on that material may be denoted by a mark whose meaning can be ascertained by reference to a register kept in accordance with this regulation.

- (2) In the case of any compound feeding stuff, not being of a standard formulation on general sale by the seller concerned, which is specially manufactured or mixed to the order of a particular purchaser, there shall be an indication in a document, label or notice which is readily apparent and unequivocally associated with the material, of the type of feeding stuff and of the name or trade name and of the address or registered office of the manufacturer. The other matters required by section 69(1) to be marked on the material may be denoted by a mark whose meaning can be ascertained by reference to a register kept in accordance with this regulation.
- (3) The register shall show those matters to which the mark relates, being matters required to be contained in a statutory statement relating to the material to which the mark relates, and the date of entry of those particulars in the register, and entries relating to material of a kind mentioned in paragraph (2) of this regulation shall include the name and address of the purchaser, the date of the order and the amount ordered.
- (4) The register shall be kept as a separate record in book form marked on the outside "Register of marks under section 69(6) of the Agriculture Act 1970" and shall be kept on the premises where the material is held for the purpose of selling it in the course of trade for use as a feeding stuff, save that if the material is in a public store the register shall be kept on the premises of the person who has the material for sale.
- (5) The period for which the register is to be preserved in accordance with section 69(7) shall be a period of six months commencing on the first day on which none of the materials referred to in the register remains on the premises, for sale as aforesaid.
  - (6) The register shall be made and kept by the seller concerned.

#### **Control of premixtures**

- **9.**—(1) No person shall sell any premixture in a bag or container which is not labelled or marked in accordance with paragraph (2) of this regulation and Part II of Schedule 8.
- (2) Every label or mark required by paragraph (1) of this regulation shall conform to the provisions of regulation 6(1) and (2) as if such label or mark were a statutory statement.

#### **Limits of variation**

10. For the purposes of section 74, the limits of variation in relation to any mis-statement in a statutory statement or mark as to the nature, substance or quality of a feeding stuff, which relates to an analytical constituent or energy value mentioned in the first column of Schedule 3, shall be as set out with respect to that constituent or value in the second column of the said Schedule.

## **Assigned meanings**

11. For the purposes of section 70, there shall be assigned to the expressions "complementary feeding stuff", "complete feeding stuff", "compound feeding stuff", "feeding stuff", "milk replacer feed", "mineral feeding stuff" and "molassed feeding stuff" in each case the meaning given by regulation 2(1) to the expression concerned.

## Manner of packaging and sealing compound feeding stuffs, additives and premixtures

- 12.—(1) Subject to paragraphs (2), (3) and (4) below, no person shall sell a compound feeding stuff or any additive or premixture, unless it is in a bag or container and unless that bag or container is sealed in such a way that, when the bag or container is opened, the seal is damaged and cannot be re-used.
- (2) Compound feeding stuffs may be sold in bulk, in unsealed bags or in unsealed containers in the case of—

- (a) deliveries between producers or sellers of compound feeding stuffs;
- (b) deliveries from producers of compound feeding stuffs to packaging enterprises;
- (c) compound feeding stuffs obtained by mixing grain or whole fruit;
- (d) blocks or licks;
- (e) small quantities not exceeding 50 kg in weight, which are intended for the final user and are taken directly from a bag or container which, before opening, complied with the sealing provision of paragraph (1) above.
- (3) Compound feeding stuffs may be sold in bulk, or in unsealed containers, but not in unsealed bags, in the case of—
  - (a) direct deliveries from the producer to the final user;
  - (b) molassed feeding stuffs consisting of less than three ingredients;
  - (c) pelleted feeding stuffs.
- (4) Additives and premixtures may be sold in bulk, in unsealed bags or in unsealed containers in the case of deliveries to manufacturers of premixtures or feeding stuffs.

#### Meanings of names and purity of materials

- **13.**—(1) For the purposes of section 70, any name of a material specified in column 2 of Schedule 2 shall have the meaning assigned thereto in column 3 of that Schedule.
  - (2) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff—
    - (a) a vegetable material named in this subparagraph, of which the minimum botanical purity is less than the proportion specified in each case:

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rapeseed expeller—94%;
extracted rapeseed—94%;
linseed expeller—93%;
extracted linseed—93%;
broken rice—99%;
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(b) a vegetable material specified in column 2 of Schedule 2 other than one named in subparagraph (a) above, of which the botanical purity is less than 95%.

#### Control of added substances contained in feeding stuffs

- **14.**—(1) No person shall sell, or have in possession with a view to sale for use as a feeding stuff, or use as a feeding stuff, any material containing any additive, or sell, or have in possession with a view to sale for incorporation in a feeding stuff, any additive, unless—
  - (a) where the additive is contained in any material, the additive is referred to in paragraph 6(1) of, or in the Table to, Schedule 4 and the material complies with the relevant provisions of that Schedule;
  - (b) where the additive is not so contained, it is referred to in paragraph 6(1) of, or in the Table to, Schedule 4; or
  - (c) the additive, whether or not contained in any material or in a preparation is—
    - (i) an enzyme (other than of a type referred to in Part X of that Table); or
    - (ii) a micro-organism.
  - (2) No person shall—

- (a) sell, or have in possession with a view to sale for use as a feeding stuff, or use as a feeding stuff, any material containing any additive which is an enzyme (other than of a type referred to in Part X of the Table to Schedule 4) or a micro-organism, whether or not the enzyme or micro-organism is contained in a preparation, or
- (b) sell, or have in possession with a view to sale, for incorporation in a feeding stuff, any such enzyme or micro-organism,

unless, in accordance with Article 3(a) of Council Directive 93/113/EC(10), supplementing Council Directive 70/524/EEC concerning additives in feeding stuffs(11), and before 15th October 1994—

- (i) an identification note in the form contained in Annex II to that Directive, relating to the enzyme, micro-organism or preparation in question, and prepared by the person responsible for selling or otherwise supplying the same, was received by the Minister of Agriculture, Fisheries and Food; and
- (ii) the enzyme or, as the case may be, micro-organism or preparation, is included in the list of authorised products referred to in that Article.
- (3) No person shall, on or after 1st December 1995—
  - (a) sell, or have in possession with a view to sale for use as a feeding stuff, or use as a feeding stuff, any material containing any additive which is an enzyme (other than of a type referred to in Part X of the Table to Schedule 4) or a micro-organism, whether or not the enzyme or micro-organism is contained in a preparation, or
  - (b) sell, or have in possession with a view to sale for incorporation in a feeding stuff, any such enzyme or micro-organism,

unless, in accordance with Article 3(b) of Council Directive 93/113/EC(10), and before that date, a dossier relating to the enzyme, micro-organism or preparation in question, and prepared by the person who requested its inclusion in the list of authorised products referred to in paragraph (2)(b) (ii) above, has been received by the Minister of Agriculture, Fisheries and Food.

- (4) Paragraphs (1) to (3) of this regulation shall not apply to any substance which is—
  - (a) for use in accordance with a written direction given by a veterinary surgeon or veterinary practitioner for the treatment of a particular animal or particular animals under his care;
  - (b) a medicinal product or for use for a medicinal purpose in a feeding stuff.
- (5) No person shall use as a feeding stuff material containing any added substance, not being a substance of a name or description specified in paragraph 6(1) of, or in the Table to, Schedule 4, which is deleterious to animals of any description specified in regulation 3, to pet animals, to human beings or to the environment.
- (6) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff, any complementary feeding stuff which, when diluted as specified by the manufacturer for feeding to animals, contains levels of additives which exceed those specified in Schedule 4 in relation to complete feeding stuffs.

### Control of feeding stuffs and ingredients containing undesirable substances

15.—(1) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff, or use as a feeding stuff, any material specified in column 2 of Part I of Schedule 5 which contains any substance specified in column 1 of that Part, in excess of the level specified in relation thereto in column 3 thereof.

<sup>(10)</sup> OJ No. L334, 31.12.93, p.17.

<sup>(11)</sup> OJ No. L270, 14.12.70, p.1 (OJ/SE Vol. 18, p.4).

<sup>(10)</sup> OJ No. L334, 31.12.93, p.17.

- (2) No person shall sell, or have in possession with a view to sale, any complementary feeding stuff which contains a substance specified in column 1 of Part I of Schedule 5 unless—
  - (a) that feeding stuff is specified in the corresponding entry in column 2 thereof; and
  - (b) the instructions for use are so worded as to ensure that—
    - (i) the feeding stuff is used only as part of a daily ration, and
    - (ii) the daily ration contains no more of the specified substance than the level specified in relation thereto for complete feeding stuffs.
- (3) No person shall, for use as an ingredient, import into Great Britain from a country other than a Member State of the European Community, sell or otherwise supply, or have in possession with a view to selling or otherwise supplying, any material specified in column 2 of Part II of Schedule 5 which contains any substance specified in column 1 of that Part in excess of the level specified in relation thereto in column 3 thereof.
- (4) No person shall, for use as an ingredient, import into Great Britain from a country other than a Member State of the European Community, sell or otherwise supply, or have in possession with a view to selling or otherwise supplying, any material specified in column 2 of Part II of Schedule 5 which contains any substance specified in column 1 of that Part in excess of the level specified in relation to straight feeding stuffs in column 3 of Part I of that Schedule unless—
  - (a) the material is intended for use only by manufacturers of compound feeding stuffs who are then listed in the most recently published national list; and
  - (b) it is accompanied by a document stating—
    - (i) that the material is intended for use only by the persons specified in sub-paragraph (a) above.
    - (ii) that the material may not be fed unprocessed to livestock, and
    - (iii) the amount of the specified substance contained in the material.
- (5) No person shall mix with any feeding stuff or ingredient, any ingredient specified in column 2 of Part II of Schedule 5, if the ingredient so specified contains any substance specified in the corresponding entry in column 1 of that Part in excess of the level specified in relation thereto in column 3 thereof.
- (6) No person shall import into Great Britain from a country other than a Member State of the European Community, sell or otherwise supply, or have in possession with a view to selling or otherwise supplying, any ingredient, unless that ingredient is sound, genuine and of merchantable quality.
- (7) For the purposes of paragraph (6) above, and without prejudice to the provisions of paragraph (3) above, an ingredient is not sound, genuine and of merchantable quality if, where the ingredient is incorporated into any compound feeding stuff specified in column 2 of Part I of Schedule 5, the level of any substance specified in column 1 of that Part and contained in the ingredient exceeds the level specified for that substance in column 3 of that Part in relation to the compound feeding stuff in question.
  - (8) Paragraphs (1) to (5) of this regulation shall not apply to any substance which is—
    - (a) for use in accordance with a written direction given by a veterinary surgeon or a veterinary practitioner for the treatment of a particular animal or particular animals under his care;
    - (b) a medicinal product or for use for a medicinal purpose in a feeding stuff.
- (9) Where a person has or has had in his possession or control any feeding stuff or ingredient, for the purposes of a trade or business, and becomes aware—
  - (a) in the case of a feeding stuff, that the feeding stuff does not comply with any requirement of paragraph (1) or (2) above, or

(b) in the case of an ingredient, that the ingredient does not comply with any requirement of paragraph (3), (4), (6) or (7) above,

he shall immediately notify the Minister of Agriculture, Fisheries and Food, and an inspector appointed under section 67(3) by the authority which, by virtue of section 67(1), has the duty to enforce Part IV of the Act.

- (10) For the purposes of the foregoing provisions of this regulation "feeding stuff" means—
  - (a) a product of vegetable or animal origin in its natural state (whether fresh or preserved);
  - (b) a product derived from the industrial processing of such a product; or
  - (c) an organic or inorganic substance, used singly or in a mixture, whether or not containing additives,

for oral feeding to pet animals, to the descriptions of animals specified in regulation 3 above (being animals which, or kinds of which, are commonly kept for the production of food, wool, skins or fur or for the purpose of their use in the farming of land) or to animals living freely in the wild, and "daily ration" and "ingredient" shall be construed accordingly.

- (11) No person shall sell, or have in possession with a view to sale, for use as a compound feeding stuff, or use as a compound feeding stuff, any material which contains—
  - (a) faeces, urine or separated digestive tract contents resulting from the emptying or removal of the digestive tract, irrespective of any form of treatment or admixture;
  - (b) treated hide including leather and its waste;
  - (c) seeds or other plant propagating materials which, after harvest, have undergone specific treatment with plant protection products for their intended propagation, or derived byproducts;
  - (d) wood, sawdust or other materials derived from wood treated with wood protection products;
  - (e) sludge from sewage plants treating waste waters;
  - (f) solid urban waste, such as household waste;
  - (g) untreated waste from eating places, except food stuffs of vegetable origin considered unsuitable for human consumption for reasons of freshness; or
  - (h) packaging and parts of packaging from products used in agriculture or the food industry.
- (12) For the purposes of paragraph (11) above, except sub-paragraph (e), "waste" shall mean material of any applicable category listed in Annex 1 to Council Directive 75/442/EEC(12), which is discarded or intended or required to be discarded.

#### Control of certain protein sources

- **16.**—(1) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff or as a protein source in a feeding stuff, any material belonging to a product group specified in column 1 of Schedule 7, unless that material—
  - (a) is named as a permitted product in column 2 of that Schedule; and
  - (b) complies with all the specifications and requirements contained in and imposed in relation thereto by columns 3 to 7 of that Schedule.
- (2) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff, or use as a feeding stuff, any product obtained from yeasts of the "Candida" variety cultivated on n-alkanes.

#### Control of the iron content of milk replacer feeds

17. No person shall sell, or have in possession with a view to sale, any milk replacer feed intended for calves of up to 70 kilograms live weight, which has an iron content of less than 30 milligrams per kilogram of the complete feeding stuff at a moisture content of 12%.

#### Control of ash insoluble in hydrochloric acid in compound feeding stuffs

- **18.**—(1) Subject to paragraph (2) below, no person shall sell, or have in possession with a view to sale—
  - (a) any compound feeding stuff composed mainly of rice by-products in which the level of ash insoluble in hydrochloric acid exceeds 3.3% of its dry matter, or
  - (b) any other compound feeding stuff in which the level of ash insoluble in hydrochloric acid exceeds 2.2% of its dry matter.
  - (2) Paragraph (1)(b) above shall not apply to any compound feeding stuff which—
    - (a) contains permitted mineral binders named or described in Part IV of the Table in Schedule 4; or
    - (b) is a mineral feeding stuff; or
    - (c) contains more than 50% of sugar beet chips or sugar beet pulp; or
    - (d) is intended for farmed fish and has a fish meal content of more than 15%,

if the level of ash insoluble in hydrochloric acid is declared as a percentage of the feeding stuff as such in the statutory statement, or elsewhere on the package, label or container; but in the case of a whole grain mix such a declaration shall not be required but may be made.

## Control of feeding stuffs intended for particular nutritional purposes

- **19.** No person shall sell, or have in possession with a view to sale, any feeding stuff intended for a particular nutritional purpose unless—
  - (a) the particular nutritional purpose in question is specified in column 1 of Chapter A of Schedule 10;
  - (b) the feeding stuff possesses the essential nutritional characteristics specified opposite that particular nutritional purpose in column 2 of that Chapter;
  - (c) the feeding stuff is intended for animals specified opposite that particular nutritional purpose in column 3 of that Chapter;
  - (d) it is recommended that the feeding stuff be used for a period of time falling within the range specified opposite that particular nutritional purpose in column 5 of that Chapter;
  - (e) in relation to the feeding stuff, the requirements specified in paragraphs 1, 2 and 8 of Chapter B of Schedule 10 are complied with; and
  - (f) the composition of the feeding stuff is such that it is capable of achieving the particular nutritional purpose for which it is intended.

#### Modification of the Agriculture Act 1970 in relation to all feeding stuffs

**20.**—(1) For the definition of "feeding stuff" in section 66(1) there shall be substituted the following definition:

""feeding stuff" means-

- (a) a product of vegetable or animal origin in its natural state (whether fresh or preserved);
- (b) a product derived from the industrial processing of such a product; or

(c) an organic or inorganic substance, used singly or in a mixture (and whether or not containing additives);

for oral feeding to pet animals and such descriptions of animals as may be prescribed, being animals which, or kinds of which, are commonly kept for the production of food, wool, skins or fur or for the purpose of their use in the farming of land;".

- (2) For subsection (2) of section 66, there shall be substituted the following subsection—
  - "(2) For the purposes of this Act—
    - (a) material shall be treated as sold for use as a fertiliser whether it is sold to be so used by itself or as an ingredient in something which is to be so used;
    - (b) material shall be treated—
      - (i) as imported or sold for use as a feeding stuff whether it is imported or, as the case may be, sold to be used by itself or as an ingredient or additive in something which is to be so used; and
      - (ii) as used as a feeding stuff whether it is so used by itself or as an ingredient or additive in something which is to be so used.".
- (3) In subsection (1) of section 82, for the words "68(4)(b) and (c)" there shall be substituted the words "68(1A), (4)(b) and (c)"(13) and for the words "and 73" there shall be substituted the words "73, 73A and 74A"(14).

## Modification of the Agriculture Act 1970 in relation to imported feeding stuffs

- **21.**—(1) In relation to feeding stuffs which have been imported, section 69(1) shall have effect subject to the modifications provided for in the following paragraph.
- (2) The words "and in either case before it is removed from the premises" shall be deleted, and for the words "the material", there shall be substituted the words "any material which has been marked in accordance with this subsection".

#### Inspector's power to enter premises and inspect records

- **22.**—(1) This regulation shall apply for the purpose of ensuring compliance with the following provisions insofar as they relate to compound feedingstuffs:
  - (a) sections 68, 69, 70, 73A and 74;
  - (b) regulations 5, 15(11), 17, 18 and 19, and Schedules 1, 6, 9 and 10.
- (2) An inspector appointed under section 67 may at all reasonable times enter any premises (not being premises used only as a dwelling)—
  - (a) on which he has reasonable cause to believe any compound feeding stuff is manufactured; or
  - (b) which he has reasonable cause to believe are occupied by a person engaged in the manufacture of any compound feeding stuff, for purposes related to such manufacture by him, and may on those premises—
    - (i) require any person engaged in the manufacture of any compound feeding stuff to produce any record, in written or any other form, relating to the manufacture by that person of any compound feeding stuff;
    - (ii) inspect and take copies of any such record;

<sup>(13)</sup> Section 68(1A) was inserted by the Agriculture Act 1970 Amendment Regulations 1982 (S.I. 1982/980), regulation 5.

<sup>(14)</sup> Section 73A was inserted by the Agriculture Act 1970 Amendment Regulations 1982 (S.I. 1982/980) regulation 7. Section 74A was inserted by the European Communities Act 1972, c. 68, Schedule 4, paragraph 6.

- (iii) where any such record is kept by means of a computer, have access to any computer and any associated apparatus or material which is or has been in use in connection with the record; and
- (iv) where any such record is kept as aforesaid, require any person having charge of, or otherwise concerned with the operation of, the computer, apparatus or material to afford him such assistance as he may reasonably require.

#### (3) Where—

- (a) a requirement is made under paragraph 2(b)(i) above in relation to any feeding stuff intended for a particular nutritional purpose; and
- (b) at the time the requirement is made, the record in respect of which it is made has been published and is available in accessible form for public use,

the person of whom the requirement is made shall be deemed to comply with it if, at the time it is made, he supplies the inspector making it with correct and adequate details of the publication concerned and of where a copy of it may be obtained.

- (4) An inspector entering any premises by virtue of this regulation may take with him such other persons and such equipment as may appear to him to be necessary.
- (5) Section 83 shall apply in relation to the exercise or, as the case may be, the purported exercise, of any powers under this regulation, as it applies in relation to the exercise or purported exercise of any power under Part IV of the Act.

#### **Exemptions**

- 23. These Regulations shall not apply to any feeding stuff which is intended for use only for—
  - (a) the experimental investigation or testing of substances controlled under regulation 14; or
  - (b) other purposes of scientific research or experiment,

and which is not generally available for sale, purchase or use as a feeding stuff, and is clearly marked to that effect.

#### **Enforcement**

**24.** Insofar as any provision of these Regulations is made under section 2(2) of the European Communities Act 1972, that provision shall be enforced as if it were made under those provisions of the Act under which the other provisions of these Regulations are made, and the provisions of Part IV of the Act shall apply accordingly.

#### Revocation

**25.** The Feeding Stuffs Regulations 1991(**15**), the Feeding Stuffs (Amendment) Regulations 1993(**16**), the Feeding Stuffs (Amendment) Regulations 1994(**17**) and the Feeding Stuffs (Amendment) (No. 2) Regulations 1994(**18**) are hereby revoked.

<sup>(15)</sup> S.I. 1991/2840.

<sup>(16)</sup> S.I. 1993/1442.

<sup>(17)</sup> S.I. 1994/499.

<sup>(18)</sup> S.I. 1994/2501.

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Angela Browning
Parliamentary Secretary, Ministry of Agriculture,
Fisheries and Food

24th May 1995

Hector Monro
Parliamentary Under Secretary of State, Scottish
Office

23rd May 1995

Signed by authority of the Secretary of State for Wales

Gwilym Jones
Parliamentary Under Secretary of State, Welsh
Office

26th May 1995

#### SCHEDULE 1

Regulation 5

#### CONTENTS OF THE STATUTORY STATEMENT

#### PART 1

- 1.—(1) In the case of any material sold for use as a feeding stuff, the name or trade name and address or registered office of the person responsible for the accuracy of the particulars referred to in this Schedule shall be contained in the statutory statement.
  - (2) The following particulars may be contained in the statutory statement:
    - (a) the identification mark or trade mark of the person responsible for the particulars referred to in this Schedule;
    - (b) the description or trade name of the material;
    - (c) the price of the material; and
    - (d) the country of origin or manufacture of the material.
- **2.** In the case of any material to which there has been added in the course of manufacture or preparation for sale any of the undermentioned substances (other than as a medicinal product or for a medicinal purpose)—
- (1) In relation to each substance specified below the following particulars shall be contained in the statutory statement:
  - (a) antioxidant, colourant or preservative, either the words "contains permitted antioxidant", "contains permitted colourant", or "contains permitted preservative" as appropriate, or the name of the antioxidant, colourant or preservative; except that—
    - (i) if the material is a compound feeding stuff other than a pet food, the name of the antioxidant, colourant or preservative shall be stated;
    - (ii) if the material is intended for use as a pet food, and is packaged in a bag or container having a net weight of more than 10 kilograms, the words "with antioxidant", "colourant" (or "coloured with"), "preservative" (or "preserved with") shall be used as appropriate, followed by the name of the antioxidant, colourant or preservative;
    - (iii) if the material is intended for use as a pet food, and is packaged in a bag or container having a net weight of not more than 10 kilograms, the particulars may be given as in (ii) above or in the words "contains EEC permitted antioxidant(s), colourant(s) (and) preservative(s)" as appropriate, and a reference number whereby the feeding stuff may be identified. By way of exception, this reference number may appear elsewhere on the package, label or container, if the statutory statement contains a clear indication of the positioning of the said reference number. In such case, the manufacturer shall, on request, supply the name(s) of the additive(s) used;
  - (b) vitamin A, D or E, the name of the vitamin and the active substance level (in the case of vitamin A or D) or the alpha-ocopherol level as acetate (in the case of vitamin E) whether naturally present or added, together in either case with an indication of the period during which that level will remain present. Where more than one of these vitamins is present, only the shortest of those periods need be stated;
  - (c) copper, the name of the additive and the total level of the element (whether naturally present or added);
  - (d) bentonite and montmorillonite, the name of the additive;
  - (e) enzymes of a type referred to in Part X of the Table to Schedule 4—

- (i) the names of the active constituents according to their enzymatic activities specified in column 3 of that Part;
- (ii) the identification number allotted by the International Union of Biochemistry;
- (iii) the activity units (expressed as activity units per kilogram or activity units per litre);
- (iv) an indication of the period during which the activity units will remain present; and
- (v) an indication of any significant characteristics of the enzyme arising during manufacture, specified in column 8 of that Part;
- (f) enzymes not of a type referred to in Part X of the Table to Schedule 4, where the material is a compound feeding stuff—
  - (i) the names of the active constituents according to their enzymatic activities;
  - (ii) the identification number allotted by the International Union of Biochemistry;
  - (iii) the activity units (expressed as activity units per kilogram or activity units per litre) if such units can be measured by an official or scientifically valid method; and
  - (iv) an indication of the period during which the activity units will remain present; and
- (g) micro-organisms, where the material is a compound feeding stuff—
  - (i) the identification of the strain(s) according to a recognised international code of nomenclature;
  - (ii) the deposit number of the strain(s);
  - (iii) the number of colony-forming units (expressed as CFU/kg) if the number is measurable by an official or scientifically valid method;
  - (iv) an indication of the period during which the colony-forming units will remain present; and
  - (v) an indication of any significant characteristics of the micro-organism arising during manufacture.
- (2) The following additional particulars specified below in relation to each substance may be contained in the statutory statement:
  - (a) trace elements other than copper, (if the amount present can be determined by the methods specified in Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(19) or by some other valid scientific method), the name of the additive and the total level of the element (whether naturally present or added); and
  - (b) vitamins other than vitamins A, D and E, provitamins and substances having a similar chemical effect, (if the amount present can be determined by the methods specified in Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(19) or by some other valid scientific method), the name of the additive, the active substance level (whether naturally present or added) and an indication of the period during which that level will remain present; and
  - (c) any other added substance (other than an enzyme of a type not referred to in Part X of the Table to Schedule 4 or a micro-organism) its EEC number or its trade name.
  - (3) Any amount referred to—
    - (a) in subparagraphs (1)(c), (2)(a) or (2)(b) of this paragraph shall be expressed in milligrams per kilogram; and

<sup>(19)</sup> S.I. 1982/1144, amended by S.I. 1984/52, S.I. 1985/1119 and S.I. 1994/1610.

<sup>(19)</sup> S.I. 1982/1144, amended by S.I. 1984/52, S.I. 1985/1119 and S.I. 1994/1610.

- (b) in subparagraph (1)(b) of this paragraph shall be expressed in million international units per kilogram, international units per kilogram, milligrams per kilogram or micrograms per kilogram, as appropriate.
- (4) However, by way of exception to the provision of subparagraph (3)(a) above, any amount referred to in subparagraphs (1)(c), (2)(a) or (2)(b) of this paragraph may be expressed as a percentage by weight, unless the amount is less than 0.1% by weight, in which case it shall be expressed in milligrams per kilogram or micrograms per kilogram as appropriate.
- (5) The particulars required or permitted by this paragraph to be included in the statutory statement may be accompanied (other than in the case of an enzyme of a type not referred to in Part X of the Table to Schedule 4 or a micro-organism) by the trade name or the EEC number of any additive named therein.
- **3.** In the case of any material, not being a pet food, named in column 2 of Schedule 2, the following particulars shall be contained in the statutory statement:
  - (a) the name of the feeding stuff specified in the said column 2 of Schedule 2;
  - (b) an indication of the form of presentation of the feeding stuff and of any process which the feeding stuff has undergone in the course of preparation or manufacture if this is not clear from the name;
  - (c) denaturing agents: nature and quantity where materials referred to in column 2 of Schedule 2 are used to denature straight feeding stuffs;
  - (d) binding agents: nature where materials referred to in column 2 of Schedule 2 are used to bind straight feeding stuffs, provided that such materials do not exceed 3% by weight of the straight feeding stuff; and
  - (e) the amounts of each of the analytical constituents which are listed in column 4 of Schedule 2, in the case of straight feeding stuffs by reference to the feeding stuff as such.
- **4.** In the case of any material, not being a pet food, named in column 2 of Schedule 2, the following additional particulars may be contained in the statutory statement:
  - (a) directions for use of the material; and
  - (b) the amounts of any of the analytical constituents which are listed in column 5 of Schedule 2; in the case of straight feedings stuffs by reference to the feeding stuff as such.
- **5.** In the case of any straight feeding stuff, not being a pet food, which is not named in column 2 of Schedule 2, a name or description or a name and description sufficiently specific to indicate the nature of the material shall be contained in the statutory statement.
- **6.** In the case of any straight feeding stuff, not being a pet food, the words "straight feeding stuff" shall be contained in the statutory statement.
- 7.—(1) Subject to subparagraph (2) below, in the case of any compound feeding stuff the following particulars shall be contained in the statutory statement:
  - (a) the description "complete feeding stuff", "complementary feeding stuff", "mineral feeding stuff", "molassed feeding stuff", "complete milk replacer feed" or "complementary milk replacer feed" as appropriate;
  - (b) the species or category of animal for which the feeding stuff is intended, and directions for the proper use of the feeding stuff indicating the purpose for which it is intended;
  - (c) if the feeding stuff is constituted from no more than three ingredients, and clearly described by reference to its ingredients, either in the statutory statement or elsewhere on its package, label or container, the declarations specified in (b) above shall not be required.

- (a) (2) (a) In the case of a pet food the descriptions "complete pet food" and "complementary pet food" may be used instead of "complete feeding stuff" and "complementary feeding stuff" respectively;
- (b) In the case of a feeding stuff for pet animals other than dogs or cats, each of the descriptions "complete feeding stuff" and "complementary feeding stuff" may be replaced by either of the descriptions "compound feeding stuff" or "compound pet food", in which case the statutory statement shall comply with paragraph 9 below and the provisions relating to complete feeding stuffs in Part II of this Schedule.
- **8.** In the case of any compound feeding stuff the following particulars shall be declared either in the statutory statement or elsewhere on the package, label or container (in which case the statutory statement shall indicate where they are to be found):
  - (a) the net quanity, expressed in the case of solid products in units of mass, and in the case of liquid products in units of mass or volume;
  - (b) the minimum storage life, which in the case of microbiologically highly perishable feeding stuffs shall be expressed in the words "use before ... ... ... ... ... ... " followed by the appropriate date (day, month and year) and in all other cases in the words "best before ... ..." followed by the appropriate date (month and year);

however, where an expiry date is required to be declared by paragraph 2(1)(b) or 2(2)(b) above, only the earlier date shall be declared;

- (c) the batch number if the date of manufacture is not declared.
- **9.**—(1) In the case of any compound feeding stuff other than a whole grain mix, the statutory statement—
  - (a) shall contain the declarations provided for in columns 1, 2 and 3 of Part II of this Schedule, as appropriate; and
  - (b) may contain the declarations provided for in columns 1, 2 and 4 of Part II of this Schedule, as appropriate.
- (2) In the case of a whole grain mix, the statutory statement may contain the declarations provided for in columns 1, 2 and 3 of Part II of this Schedule, as appropriate.
- **10.**—(1) In the case of any compound feeding stuff other than a whole grain mix, the moisture content shall be declared in the statutory statement if it exceeds the following levels:

milk replacer feeds and other compound feeding stuffs with a milk product content exceeding 40%	7%
mineral feeding stuffs containing no organic substances	5%
mineral feeding stuffs containing organic substances	10%
other compound feeding stuffs	14%

(2) In the case of a whole grain mix, or a compound feeding stuff with a moisture content not exceeding the limits stated in subparagraph (1) above, the moisture content may be declared in the statutory statement.

- 11.—(1) In the case of any compound feeding stuff for dogs or cats all the ingredients shall be declared in the statutory statement.
- (2) In the case of any compound feeding stuff for pet animals other than dogs and cats, the ingredients may be declared in the statutory statement, and in such case all the ingredients shall be declared.
- (3) Subject to paragraph 18(2) below and paragraph 3 of Chapter B of Schedule 10, ingredients declared in accordance with subparagraph (1) or (2) above shall be declared either—
  - (a) by their specific names, with an indication of the amount of each ingredient, or
  - (b) by their specific names in descending order by weight, or
- (c) by categories, as described in Part I of Schedule 6, in descending order by weight; and the use of one of those forms of declaration shall preclude the use of either of the others, save where—
  - (i) the declaration is by categories and any ingredient belongs to none of the categories described in Part I of Schedule 6, in which case that ingredient, designated by its specific name, shall be listed in order by weight in relation to the categories; or
  - (ii) in the case of a feeding stuff intended for a particular nutritional purpose, paragraph 18(2) below and paragraph 3 of Chapter B of Schedule 10 require the declaration of any ingredient by its specific name, in which case any ingredient to which those provisions do not apply may be declared by reference to the category to which it belongs.
- 12.—(1) Subject to paragraph 18(2) below and paragraph 3 of Chapter B of Schedule 10, in the case of any compound feeding stuff for animals other than pet animals, all the ingredients shall be declared in the statutory statement in descending order of weight, either by their specific names or by the names of the categories in Part II of Schedule 6 to which they belong.
  - (2) The use of either of these forms of declaration shall preclude the use of the other, save where—
  - (i) the declaration is by categories and any ingredient belongs to none of the categories described in Part II of Schedule 6, in which case that ingredient, designated by its specific name, shall be listed in order by weight in relation to the categories; or
  - (ii) in the case of a feeding stuff intended for a particular nutritional purpose, paragraph 18(2) below and paragraph 3 of Chapter B of Schedule 10 require the declaration of any ingredient by its specific name, in which case any ingredient to which those provisions do not apply may be declared by reference to the category to which it belongs.
- (3) Where the declaration is by specific names, an ingredient described in the third column of Part III of Schedule 6 and complying with any compositional requirements specified in that column in relation to that ingredient shall be declared by the corresponding name specified in the second column of that Part, (the inclusion in the declaration of any word appearing in brackets in the second column being optional) if—
  - (a) the botanical purity of the ingredient by weight is not less than the percentage specified in the third column of Part III of Schedule 6 in relation to that ingredient or, if none is specified, is not less than 95% by weight; and
  - (b) (in cases where the name specified in the second column of Part III of Schedule 6 includes a common name or term specified in the third column of Part IV of that Schedule), the ingredient was prepared by the process specified in the first column and described in the second column of Part IV of Schedule 6 in relation to that ingredient.
- (4) Where the declaration is by specific names, if any requirement of subparagraph (3) above is not complied with in relation to an ingredient, the declaration in the statutory statement of that ingredient shall not be by a name specified in the second column of Part III of Schedule 6.

- 13. Where a compound feeding stuff having a level of ash insoluble in hydrochloric acid not exceeding the levels stated in regulation 18(1), or which is a whole grain mix, is sold or held in possession with a view to sale, that level may be declared in the statutory statement or elsewhere on the package, label or container.
- **14.** In the case of any compound feeding stuff the following particulars may be included in the statutory statement:
  - (a) if the manufacturer is not the person responsible for the labelling particulars, the name or business name and the address or registered business address of the manufacturer;
  - (b) an indication of the physical condition of the feeding stuff or the specific processing it has undergone; and
  - (c) the date of manufacture expressed as follows:
    - "manufactured ... ... ... [days, months or years] before the minimum storage life expiry indicated ... ... [place where indicated if not on statutory statement]"
- 15. In the case of a complementary feeding stuff which contains any additive in excess of the maximum content specified for that additive in relation to the complete feeding stuff by Schedule 4, the instructions for use shall state, according to the species and age of the animal, the maximum quantity in grams or kilograms of the feeding stuff to be given per animal per day, and shall be so formulated that, when they are correctly followed, the final content of the additive does not exceed the maximum so specified.

This paragraph shall not apply to products delivered to manufacturers of compound feeding stuffs or to their suppliers.

- **16.** In the particulars required or permitted to be set out in the statutory statement by paragraphs 8 to 13 above—
  - (a) unless the paragraph in question specifies some other method of expression, the amounts shown shall be expressed in each case as a percentage of the weight of the feeding stuff as such and not as a range of percentages, and
  - (b) phosphorus shall be expressed as "phosphorus P".
- 17.—(1) Subject to subparagraph (2) below, in the case of a compound pet food, or of a feeding stuff intended for a particular nutritional purpose for animals other than pet animals, particular attention may be drawn in the statutory statement, or elsewhere on the package, label or container, to the presence or low content of one or more ingredients which are essential aspects of the characteristics of the feeding stuff.
- (2) Where particular attention is drawn to the presence or low content of any ingredient as permitted by subparagraph (1) above, the minimum or maximum content, expressed in terms of the percentage by weight of that ingredient, shall be clearly indicated—
  - (a) opposite the statement which draws attention to that presence or low content, or
  - (b) in the list of ingredients, or
  - (c) by mentioning that presence or low content and the percentage thereof (by weight) opposite the corresponding category of ingredients.
- **18.**—(1) Subject to subparagraph (2) below, in the case of any feeding stuff intended for a particular nutritional purpose the following particulars shall be contained in the statutory statement:
  - (a) the term "dietetic";
  - (b) a description of the feeding stuff;

- (c) the particular nutritional purpose of the feeding stuff, as specified in column 1 of Chapter A of Schedule 10;
- (d) the essential nutritional characteristics of the feeding stuff, as specified in column 2 of that Chapter;
- (e) the declarations prescribed in column 4 of that Chapter;
- (f) the declarations, if any, prescribed in column 6 of that Chapter;
- (g) where any declarations prescribed in that column do not include a declaration that it is recommended that the prior opinion of a veterinarian be sought, the words "It is recommended that a specialist's opinion be sought before use"; and
- (h) the recommended length of time for use of the feeding stuff.
- (2) The particulars required by subparagraph (1) above to be contained in the statutory statement shall be declared in accordance with the requirements of paragraphs 3–7 and 9 of Chapter B of Schedule 10.
- 19.—(1) Subject to subparagraph (2) below, in the case of a feeding stuff intended for a particular nutritional purpose, particular attention may be drawn in the statutory statement, or elsewhere on the package, label or container, to the presence of one or more analytical constituents which are essential aspects of the characteristics of the feeding stuff.
- (2) Where particular attention is drawn to the presence or low content of any analytical constituent as permitted by subparagraph (1) above, the maximum or minimum content, expressed in terms of the percentage by weight of that analytical constituent, shall be clearly indicated in the list of analytical constituents.
- **20.**—(1) In the case of a product named as a permitted product in column 2 of Schedule 7, the statutory statement shall contain, in addition to any other particulars required by these Regulations, the name specified for that product in column 7 of that Schedule, together with such further particulars as may be specified in that column in relation to it.
- (2) In the case of a compound feeding stuff containing for use as a protein source a product named as a permitted product in column 2 of Schedule 7, the statutory statement shall contain, in addition to any other particulars required by these Regulations, the name specified for that product in column 7 of that Schedule, together with such further particulars as may be specified in that column in relation to compound feeding stuffs containing that product.
- **21.**—(1) Subject to subparagraph (2) below, information may be provided in addition to the particulars required or permitted to be contained in the statutory statement or otherwise declared.
- (2) Any information provided in addition to the particulars required or permitted by these Regulations to be contained in the statutory statement or otherwise declared—
  - (a) shall be clearly separated from those particulars;
  - (b) shall not be designed to indicate the presence or content of analytical constituents other than those the declaration of which is provided for in this Schedule or in Schedule 10;
  - (c) shall relate to objective or quantifiable factors which can be substantiated;
  - (d) shall not mislead the user, in particular by attributing to the feeding stuff effects or properties that it does not possess, or by suggesting that it possesses special characteristics when in fact all similar feeding stuffs contain similar properties;
  - (e) shall not claim that the feeding stuff will prevent, treat or cure a disease, except as regards ingredients which are medicinal products within the meaning of the Medicines Act 1968;
  - (f) shall not, in the case of a feeding stuff intended for a particular nutritional purpose, include a generic description other than in the form of the generic term "dietetic";

- (g) shall not, in the case of any feeding stuff other than one intended for a particular nutritional purpose, include a generic description in that form; and
- (h) may in the case of a feeding stuff intended for a particular nutritional purpose, include reference to a particular pathological condition, provided that the particular nutritional purpose specified in respect of that feeding stuff in column 1 of Chapter A of Schedule 10 relates to that condition.

PART II
DECLARATION OF ANALYTICAL CONSTITUENTS

Feeding stuffs	Analytical constituents and levels	Species or category of	animal
Column 1	Column 2	Compulsory declarations Column 3	Optional declarations Column 4
Complete feeding stuffs	— Protein	} Animals except pets other than dogs or cats	} Pets other than dogs or cats
	— Oils and fats		
	— Fibre		
	— Ash		
	— Lysine	Pigs	Animals other than pigs
	— Methionine	Poultry	Animals other than poultry
	— Cystine		} All animals
	— Threonine		
	— Tryptophan		
	— Energy value		Poultry (calculated according to EEC method—see Schedule 9)
			Pigs and ruminants (calculated according to national official methods—see Schedule 9)
	— Starch		} All animals
	— Total sugar (as sucrose)		
	<ul><li>Total sugar plus starch</li></ul>		
	— Calcium		

Feeding stuffs	Analytical constituents and levels	Species or category of animal		
		Compulsory	Optional	
G-1 1	0.1 2	declarations	declarations	
Column 1	Column 2	Column 3	Column 4	
	— Sodium			
	— Phosphorus			
	— Magnesium			
	— Potassium			
Complementary feeding stuffs— Mineral	— Protein		} All animals	
	— Fibre			
	— Ash			
	— Oils and fats			
	— Lysine			
	— Methionine			
	— Cystine			
	— Threonine			
	— Tryptophan			
	— Calcium	} All animals		
	— Phosphorus			
	— Sodium			
	— Magnesium	Ruminants	Animals other than ruminants	
	— Potassium		All animals	
Complementary feeding stuffs— Molassed	— Protein	} All animals		
	— Fibre			
	— Total sugar (as sucrose)			
	— Ash			
	— Oils and fats		All animals	
	— Calcium		} All animals	
	— Phosphorus			
	— Sodium			
	— Potassium			

Feeding stuffs	Analytical constituents and levels	Species or category of animal		
Column 1	Column 2	Compulsory declarations Column 3	Optional declarations Column 4	
	— Magnesium ≥ 0.5%	Ruminants	Animals other than ruminants	
	< 0.5%		All animals	
Complementary feeding stuffs— Other	— Protein	Animals except pets other than dogs and	} Pets other than dogs	
	— Oils and fats	cats		
	— Fibre			
	— Ash			
	— Calcium ≥ 5%	Animals other than pets	Pets	
	< 5%		All animals	
	— Phosphorus $\geq 2\%$	Animals other than pets	Pets	
	< 2%		All animals	
	— Magnesium ≥ 0.5%	Ruminants	Animals other than ruminants	
	< 0.5%		} All animals	
	— Sodium			
	— Potassium			
	— Energy value		Poultry (declaration according to EEC method—see Schedul 9)	
			Pigs and ruminants (declaration according to national official methods—see Schedule 9)	
	— Lysine	Pigs	Animals other than pigs	
	— Methionine	Poultry	Animals other than poultry	
	— Cystine		} All animals	
	— Threonine			
	— Tryptophan			
	— Starch			

Feeding stuffs	Analytical constituents and levels	Species or category of animal	
		Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4
	— Total sugar (as sucrose)		
	<ul><li>Total sugar plus starch</li></ul>		

## SCHEDULE 2

Regulation 13 and Schedule 1

## MATERIALS AND THEIR MEANINGS

Group Column 1		Name of Material Column		Meaning Column 3	Compulsory declarations Column 4	Optional declarations Column 5
1. OIL		(1.1)		By-product of	Protein 4	Ash
CAKES MEAL	AND	` /	•	oil manufacture, obtained by pressing from	Fibre	Moisture
				seeds separated from their pulp of the following species of Macoya palm Acrocomia sclerocarpa Mart. and Acrocomia totai Mart.	Oil	
		(1.2) extracted		By-product of oil manufacture,	Protein	Ash
		kernel	•	obtained by extraction from	Fibre	Moisture
				seeds of Macoya palm separated from their pulp		Oil
		(1.3) palm pulp		By-product of oil manufacture,	Protein	Ash
				obtained by pressing from	Fibre	Moisture
				pulp of Macoya palm	Oil	
		(1. <b>D</b> ec groundnu		By-product of oil manufacture,	Protein	Ash
		expeller		obtained by pressing from 24	Fibre	Moisture

		1.6	- C 1	
Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3  decorticated groundnuts (species Arachis hypogaea and other species of Arachis)	Column 4 Oil	Column 5
	(1.5) Extracted decorticated	By-product of oil manufacture,	Protein	Ash
	groundnut	obtained by extraction from	Fibre	Moisture
		decorticated groundnut seeds		Oil
	(1.6) Partly-decorticated	By-product of oil manufacture,	Protein	Ash
	groundnut expeller	obtained by pressing	Fibre	Moisture
		from partly- decorticated groundnut seeds	Oil	
	(1.7) Extracted, partly-	By-product of oil manufacture,	Protein	Ash
	decorticated groundnut	obtained by extraction from partly- decorticated groundnut seeds	Fibre	Moisture
				Oil
	(1.8) Rape seed expeller	By-product of oil manufacture,	Protein	Ash
		obtained by pressing from	Fibre	Moisture
		seeds of rape Brassica napus L. ssp. oleifera (Metzg.) Sinsk., of Indian sarson Brassica napus L. var. glauca (Roxb.) O.E. Schulz and of rape Brassica campestris L. ssp. oleifera (Metzg.) Sinsk.	Oil	
	(1.9) Extracted rape seed	oil manufacture,	Protein	Ash
		obtained by extraction from	Fibre	Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3 seeds of colza, Indian sarson or rape	Column 4	Column 5 Oil
	(1.10) Copra expeller	ra By-product of oil manufacture, obtained by pressing from copra, the dried kernel (endosperm) and testa of the coconut palm, <i>Cocos nucifera L.</i>	Protein Fibre Oil	Ash Moisture
	(1.11)Extracted copra	By-product of oil manufacture, obtained by extraction from copra, the dried kernel (endosperm) and testa of the coconut palm	Protein Fibre	Ash Moisture Oil
	Coconut cakes or meals	The residue resulting from the removal of oil from commercially pure coconut kernels	Protein Fibre Oil	Ash Moisture
	(1.12) Palm kernel expeller	By-product of oil manufacture, obtained by pressing from palm nuts, from which as much as possible of the hard shell has been removed, of the following species of oil palm: Elaeis guineensis Jacq., Corozo oleifera (H.B.K.) L.H. Bailey (Elaeis	Protein Fibre Oil	Ash Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		melanococca- auct.)		
	(1.13)Extracted palm kernel	By-product of oil manufacture	Protein	Ash
		obtained by extraction from palm nuts of the species of oil palm from which as much as possible of the hard shell has been removed	Fibre	Moisture
				Oil
	(1.14) Soya expeller	By-product of oil manufacture,	Protein	Ash
		obtained by pressing from soya beans (the seed of the species <i>Glycine max. (L.) Merr.</i> )	Fibre Oil	Moisture
			Oli	
	(1.15)Extracted toasted soya	By-product of oil manufacture,	Protein	Ash
		obtained from soya bean seeds	Fibre	Moisture
		by extraction and appropriate heat treatment		Oil
	(1.16)Extracted toasted hulled	oil manufacture,	Protein	Ash
	soya seeds	obtained from hulled soya	Fibre	Moisture
		bean seeds by extraction and appropriate heat treatment		Oil
	(1. <b>D</b> ecorticated By-product of cotton seed oil manufacture,	Protein	Ash	
expeller		obtained by pressing from	Fibre	Moisture
		seeds of cotton belonging to the genus <i>Gossypium</i> <i>spp</i> . from which the fibres and husks have been removed	Oil	

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
	(1.18)Extracted decorticated cotton seed	By-product of oil manufacture, obtained by extraction from seeds of cotton from which the fibres have been	Protein Fibre	Ash Moisture Oil
	decorticated	removed By-product of oil manufacture, obtained from seeds of cotton from which the fibres and part of the husks have been removed	Protein Fibre Oil	Ash Moisture
	(1.20Extracted, partly-decorticated cotton seed	By-product of oil manufacture, obtained by extraction from seeds of cotton from which the fibres and part of the husks have been removed	Protein Fibre	Ash Moisture Oil
	Cotton cakes or meals not decorticated	The residue resulting from the removal of oil from commercially pure cotton seed, not decorticated	Protein Fibre Oil	Ash Moisture
	(1.21) Expeller or extracted niger seed	- 1	Protein Fibre Oil	Ash Moisture
	(1. Precorticated sunflower seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sunflower Helianthus	Protein Fibre Oil	Ash Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		annuus L. from which as much as possible of the husk has been removed		
	(1.23)Extracted decorticated	By-product of oil manufacture,	Protein	Ash
	sunflower seed	obtained by extraction from	Fibre	Moisture
		seeds of the sunflower from which part of the husks have been removed as far as possible		Oil
	(1.24) Partly-decorticated	By-product of oil manufacture,	Protein	Ash
		d obtained by pressing from	Fibre	Moisture
			Oil	
	(1.25Extracted, partly-	By-product of oil manufacture	Protein	Ash
	decorticated sunflower seed	obtained by extraction from	Fibre	Moisture
		seeds of the sunflower from which part of the husks have been removed		Oil
	(1.26) Linseed expeller	By-product of oil manufacture,	Protein	Ash
	P	obtained by pressing from	Fibre	Moisture
		linseed, Linum usitatissimum L.	Oil	
	(1.27)Extracted linseed	oil manufacture,	Protein	Ash
			Fibre	Moisture
				Oil
	Linseed meal	The meal obtained	Protein	Ash
		by grinding 29	Fibre	Moisture

Group	Name of	Meaning	Compulsory	Optional
-	Material	_	declarations	declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		or crushing commercially pure linseed	Oil	
	(1.28) Babassu palm nut expeller	By-product of oil manufacture,	Protein	Ash
		obtained by pressing from	Fibre	Moisture
	palm nuts, from which as much as possible of the hard shell has been removed, of the Brazilian Babassu palms Orbignya oleifera Burr and other species of Orbignya	Oil		
		J 1	Protein	Ash
	germ expeller oil manufacture, obtained by pressing from		Fibre	Moisture
		germ of rice  Oryza sativa L.  to which parts of the endosperm and tegument still adhere	Oil	
	(1.30)Extracted brown rice germ	By-product of oil manufacture,	Protein	Ash
		obtained by extraction from	Fibre	Moisture
	germ of rice to which parts of the endosperm and tegument still adhere		Oil	
	(1.31) Sesame E seed expeller	By-product of oil manufacture,	Protein	Ash
obta pres	obtained by pressing from	Fibre	Moisture	
	sesame plant,	Sesamum indicum	Oil	
	(1.32)Extracted sesame seed	By-product of oil manufacture,	Protein	Ash

Group	Name of	Meaning	Compulsory	Optional
•	Material	G	declarations	declarations
Column 1	Column 2	Column 3 obtained by	Column 4 Fibre	Column 5 Moisture
		extraction from seeds of the sesame plant	Fibre	Oil
	(1.33)Extracted cocoa bean	By-product of oil manufacture, obtained by extraction from dried and roasted cocoa bean seeds <i>Theobroma cacao L</i> . from which as much as possible of the husk has been removed	Protein	Ash
			Fibre	Moisture
				Oil
	(1.34) Wheat germ expeller	By-product of oil manufacture,	Protein	Ash
		obtained by pressing from	Fibre	Moisture
	(1.25) M.	wheat germ of the species Triticum aestivum L., Triticum durum Desf. and from other cultivated species of husked wheat or from screened husked grains of spelt of the species Triticum spelta L., Triticum dicoccum Schrank, Triticum monococcum L., to which parts of the endosperm and tegument still adhere		A.1
	(1.35) Maize germ expeller (by- product of maize milling)		Protein Fibre	Ash Moisture
			Oil	Starch

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		endosperm and testa still adhere		
	(1.36)Extracted maize germ (by-	oil manufacture,	Protein	Ash
	product of maize milling)		Fibre	Moisture
	•			Oil
		germ to which parts of the endosperm and testa still adhere		Starch
	(1.37) Maize germ expeller (by-	By-product of oil manufacture.	Protein	Ash
	product of the starch industry)	obtained by pressing and by a	Fibre	Moisture
		wet process, from maize germ to which parts of the endosperm and testa still adhere	Oil	
	(1.38)Extracted maize germ (by-	oil manufacture,	Protein	Ash
	product of the starch industry)		Fibre	Moisture
	Suit on masse 3)			Oil
	(1.39) Olive pulp meal	e By-product of oil manufacture, obtained by extraction from fruits of the olive tree <i>Olea Europea L</i> . free as far as possible from fragments of stone	Protein	Ash
			Fibre	Moisture
				Oil
2. Products and By- Products		By-products of flour	Fibre	Ash
of the Pro- cessing of Vegetable Substances		manufacture, obtained from screened husked grains of wheat or		Moisture

		N		1.6		
Group		Name of Material		Meaning	Compulsory declarations	Optional declarations
Column 1 (2.1) By- products of milling wheat		Column 2		column 3 spelt. It consists principally of fragments of the outer skins, and of particles of grain from which the greater part of the endosperm has been removed	Column 4	Column 5
	i	(2.1.2) feed	Wheat	By-product of flour manufacture, obtained from	Fibre	Starch Ash
				screened husked grains of wheat of spelt. It consists principally of fragments of the outer skins and of particles of grain from which less of the endosperm has been removed than in wheat bran		Moisture
	1	(2.1.3) middlings	Wheat	By-product of flour	Fibre	Starch
				manufacture, obtained from		Ash
				screened husked wheat or spelt. It consists principally of particles of endosperm with fine fragments of the outer skins and some grain waste		Moisture
	9	(2.1.4) V germ	Wheat	By-product of milling consisting	Fibre	Protein
	C		essentially of wheat germ, rolled or otherwise, to		Oil	
					Ash	
				which fragments of endosperm and		Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		outer skin still adhere		
	Wheat meal	The meal obtained	Fibre	Ash
		by grinding commercially pure wheat, as grown		Moisture
	(2.1.5) bran	Rye By-product of flour	Fibre	Ash
		manufacture, obtained from screened rye Secale cereale L. It consists principally of fragments of the outer skins, and of particles of grain from which most of the endosperm has been removed		Moisture
	(2.1.6)	Rye By-product	Fibre	Starch
	feed	of flour manufacture, obtained from		Ash
		screened rye. It consists principally of fragments of the outer skins, and of particles of grain from which less of the endosperm has been removed than in rye bran		Moisture
	(2.1.7) screenings	Rye By-product (rye of flour	Fibre	Starch
meal)	_	manufacture, obtained from		Ash
		screened rye. It consists principally of particles of endosperm, with fine fragments of		Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		the outer skins and some grain waste		
<b>2.2</b> Products and by-products	(2.2.1) Husked oat sharps	By-product, rich in starch,	Fibre	Ash
of the manufacture of flakes, groats and husked grain	(middlings)	obtained during the processing of screened, husked oats Avena sativa L. and other cultivated species of oats into oat groats or sifted oatmeal	Starch	Moisture
	Oat feed	By-product of oatmeal milling	Fibre	Starch
		consisting of hulls, floury materials, mealy matter and screen dust, all finely ground, and containing not more than 27% of fibre		Ash
				Moisture
	Ground oats	The meal obtained	Fibre	Ash
		by grinding commercially pure oats, as grown		Moisture
	(2.2.2) Flaked barley	Product obtained by steaming and	Fibre	Starch
	•	rolling husked barley <i>Hordeum</i> vulgare L.		Moisture
	(2.2.3) Barley feed	By-product of the processing of screened and husked barley into pearl barley or semolina or sifted barley meal	Fibre	Ash
			Starch	Moisture
	Barley meal	The meal obtained by	Fibre	Ash
		grinding barley, as grown, which		Moisture

Group	Name of	Meaning	Compulsory	Optional declarations
Column 1	<i>Material</i> Column 2	Column 3	<i>declarations</i> Column 4	declarations Column 5
Column 1	Column 2	shall be the whole grain together with only such other substances as may reasonably be expected to have become associated with the grain in the field and which contains not less than 96% pure barley	Column 4	Cotuniii 3
	(2.2.4) Flaked maize	Product obtained by steaming and rolling maize	Fibre	Starch Moisture
		By-product obtained during	Protein	Oil
	forage meal)	the manufacture of pea-meal <i>Pisum sativum L.</i> It consists principally of particles of endosperm and, to a lesser extent, of skins	Fibre	Ash Moisture
	Pea meal	The meal obtained by grinding commercially pure peas, as grown, of varieties <i>Pisum sativum</i> or <i>Pisum arvense</i>	Protein Fibre	Ash Moisture
	(2.2.6) Flaked potatoes	Product obtained by drying potatoes, <i>Solanum</i> tuberosum L., whether or not peeled, which have been steamed or boiled or crushed	Fibre	Starch Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
	Bean meal	The meal obtained	Protein	Ash
		by grinding commercially pure beans of the species (1) <i>Vicia faba</i> or any of its varieties, commonly known as "horse bean", "field bean" or "broad bean" or (2) <i>Phaseolus vulgaris</i> , the "true haricot bean" or any of its varieties, white or coloured	Fibre	Moisture
<b>2.3</b> Byproducts of maize		By-product of the manufacture of flour or semolina from maize	Starch	Fibre
milling				Ash
				Moisture
				Protein
				Oil
	Maize meal; Indian meal	The meal obtained	Fibre	Ash
		by grinding commercially pure maize or Indian corn, as grown		Moisture
	(2.3.2) Maize bran	By-product of the manufacture	Fibre	Ash
		of flour or semolina from		Moisture
		maize. It consists principally of outer skins and maize germ, with some endosperm particles		Oil
				Protein
	(2.3.3) Maize germ and bran	By-product of the manufacture	Oil	Moisture
	<u> </u>	of maize flour,	Protein	Fibre

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		maize semolina or of maize starch consisting of non- extracted germ, maize bran and some fragments of endosperm		Ash Starch
	Dari meal; durra meal	The meal obtained by grinding	Fibre	Ash Moisture
		commercially pure dari or durra seed		Moisture
<b>2.4</b> Products and by-products		Product obtained by grinding	Starch	Fibre
of rice milling		fodder rice consisting either of green, chalky		Ash Moisture
		or unripe grains, sifted out during the milling of husked rice, or of normal husked grains which are yellow or spotted		Oil
				Protein
	(2.4.2) Broken rice	By-product of the preparation of polished or glazed rice. It consists principally of undersized or broken grains	Starch	
	(2.4.3) Rice bran (brown)	By-product of the first polishing	Protein	Moisture
		of husked rice without the	Fibre	Ash
		use of calcium carbonate. It consists of silvery skins, particles of the aleurone layer, endosperm and germ	Oil	Ash insoluble in HC1
	bran (brown),	By-product of the first polishing of husked rice. It consists of silvery	Protein Fibre	Moisture Ash

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		skins, particles of the aleurone layer, endosperm and germ; it contains a small quantity of calcium carbonate resulting from the polishing process	Oil Calcium carbonate	Ash insoluble in HC1
	(2.4.4) Rice bran (white)	By-product of the second polishing	Protein	Moisture
	` ,	of husked rice. It consists	Fibre	Ash
		principally of particles of endosperm, of the aleurone layer and of germ	Oil	Ash insoluble in HC1
2.5 Products and by-products		Virtually pure maize starch	Starch	Moisture
of the starch industry	<b>5.4.1</b>	maize staren		Ash
	(2.5.2) Puffed maize starch	Virtually pure maize starch,	Starch	Moisture
		greatly expanded by appropriate heat treatment		Ash
	(2.5.3) Pregelatinized	Virtually pure maize starch,	Starch	Moisture
	partially la hydrolyzed maize g starch as	largely pre-	Reducing sugars, expressed as glucose	Ash
	(2.5.4) Maize gluten	Dried by- product of the	Protein	Moisture
		manufacture of maize starch.		Fibre
		It consists principally of		Ash
		gluten obtained during the		Oil
		separation of the starch		Xanthophyll
	(2.5.5) Maize gluten feed	Dried by- product of the	Protein	Moisture
	<i></i>	manufacture of maize starch.		Fibre

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		It is composed of bran and of a smaller quantity of gluten. Dried residues of the steeping liquors, and germ, from which the oil has been removed, may be added		Ash
	(2.5.6) Rice starch	Virtually pure rice starch	Starch	Moisture
				Ash
	(2.5.7) Puffed rice starch	Virtually pure rice starch, greatly	Starch	Moisture
		expanded by appropriate heat treatment		Ash
	(2.5.8) Rice gluten	Dried by- product of the	Protein	Moisture
	•	manufacture of rice starch,	Fibr	Fibre
		consisting mainly of gluten		Ash
				Oil
	(2.5.9)Sorghum gluten feed	product of the	Protein	Moisture
	manufacture of sorghum starch	sorghum starch		Fibre
		Sorghum bicolor (L.) Moench		Ash
		s. I. It consists of bran and a smaller quantity of gluten. Dried residues of the steeping liquors and the germ may be added		Oil
	(2.5.10) Wheat starch	Virtually pure wheat starch	Starch	Moisture
				Ash
	(2.5.11) Puffed wheat starch	Virtually pure wheat starch,	Starch	Moisture
		greatly expanded		Ash

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		by appropriate heat treatment		
	gelatinized	Virtually pure wheat starch,	Starch  Reducing sugars	Moisture
	partially hydrolyzed wheat starch	largely pre- gelatinized and partially hydrolyzed	Reducing sugars, expressed as glucose	Ash
	(2.5.13) Wheat gluten	Dried by- product of the	Protein	Moisture
		manufacture of wheat starch. It consists principally of gluten obtained during the separation of starch		Ash
	(2.5.14)Manioc starch	Virtually pure starch obtained	Starch	Moisture
		from manioc roots <i>Manihot</i> esculenta Crantz		Ash
	(2.5.15) Puffed manioc starch	Starch obtained from manioc	Starch	Moisture
		roots, greatly expanded by appropriate heat treatment		Ash
	(2.5.16) Potato starch	Virtually pure potato starch	Starch	Moisture
				Ash
	(2.5.17) Pregelatinized potato	Virtually pure potato starch,	Starch	Moisture
	starch	greatly expanded by appropriate heat treatment		Ash
	(2.5.18) Pregelatinized	Virtually pure potato starch,	Starch	Moisture
	partially hydrolized potato starch	greatly expanded	Reducing sugars, expressed as glucose	Ash
	(2.5.19) Potato protein	Dried by- product of starch	Protein	Moisture
	-	manufacture composed 41		Ash

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		mainly of protein substances obtained by the separation of starch		Oil Fibre
	(2.5.20) Dried potato pulp	Dried by- product of the	Starch	Moisture
		manufacture of potato starch		Ash
				Oil
				Fibre
	(2.5.2 Dextrose (glucose)	Product of the saccharification of starch, consisting of purified, crystallized glucose (with or without water of crystallization)	Glucose	Moisture
	(2.5.22 <b>)</b> extrose	By-product	Reducing sugars,	Moisture
	molasses	obtained during the crystallization of dextrose	expressed as glucose	Ash
2.6 Products and by-products of sugar manufacture		Beet or cane sugar in solid form	Sucrose	Ash
	(2.6.2) Dried sugar beet slices	Product obtained by drying slices	Total sugar, expressed as	Moisture
		of washed sugar beet Beta vulgaris L., supp. vulgaris var. altissima Doell	sucrose	Ash
		Product obtained	Total sugar,	Moisture
	partially extracted sugar beet	by drying washed sugar beet slices	expressed as sucrose	Ash
	(2.6.4) Dried plain sugar beet pulp	By-product of the manufacture of sugar, consisting of pulped and dried sugar beet slices		Fibre

Group	Name of	Meaning	Compulsory	Optional
Column 1	<i>Material</i> Column 2	Column 3	<i>declarations</i> Column 4	declarations Column 5
	(2.6.5) Sugar beet molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of beet sugar	Total sugar, expressed as sucrose	
	(2.6.6) Sugar cane molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar cane Saccharum officinarum L.	Total sugar, expressed as sucrose	
	Dried molassed sugar beet feed	By-product of the manufacture of sugar, consisting	Total sugar, expressed as sucrose	Protein Ash
		of extracted sugar beet slices and sugar beet molasses, which	Fibre	Moisture Oil
		has been dried		Oli
2.7 Products and by-products of malting, brewing, distilling		By-product of malting consisting of dried rootlets	Protein	Moisture Ash
and fruit processing; dried feed yeasts		and shoots of germinated barley		Fibre
	(2.7.2) Dried yeasts	Yeasts, whether or not mixed,	Protein	Moisture
		belonging to the families		Ash
		Saccharonycetaceae Endomycetaceae and Cryptococcaceae, cultivated on the following substrates: beet or core juice or molasses, distillers' or yeast-makers' wash, lactoserum,	ie,	Ash insoluble in HC1

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		cereals and products derived from their processing, solutions from the hydrolysis of fibrous material, the cells of which have been killed by drying		
	(2.7.3) Dried brewers' grains	By-product of brewing obtained by drying residues of malted and unmalted cereals and other starchy matter	Protein	Moisture Fibre
	(2.7.4) Dried distillers' grains	By-product of distilling obtained by drying residues of fermented cereals or other starchy matter, or residues of cereals used in the distilling process	Protein	Moisture Fibre
	(2.7 <b>D</b> ) hydrated citrus pulp	By-product obtained during the manufacture of citrus juice		Moisture Fibre
2.8 Artificially dried agricultural products	,	Product obtained by artificially drying and possibly pre- drying young forage plants, the enzymes which activate oxidation being rendered virtually inactive by the drying	Protein	Moisture Ash Ash insoluble in HC1 Fibre Carotene Oil
	(2.8.2) Lucerne meal	Product obtained by artificially	Protein	Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
Column 1	Column 2	drying and possibly predrying Medicago	Column 4	Ash Ash insoluble in
		sativa L. and Medicago varia Martyn, the		HC1 Fibre
		enzymes which activate oxidation being rendered		Carotene
		virtually inactive by the drying. This product may contain approximately 20% of grass or clover artificially dried and possibly pre-dried at the same time as the lucerne		Oil
	meal	Product obtained by artificially drying and possibly predrying young clover <i>Trifolium spp.</i> , the enzymes which activate oxidation being rendered virtually inactive by the drying. This product may contain approximately 20% of grass or lucerne artificially dried and possibly predried at the same time as the clover	Protein	Moisture Ash Ash insoluble in HC1 Fibre Carotene Oil
	(2.8.4) Dried tops and leaves of sugar beet	Product obtained by artificially drying tops and leaves of sugar beet, washed, whether or not chopped		Protein  Total sugar, expressed as sucrose  Moisture

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
				Ash insoluble in HC1
				Fibre
		Product obtained	Inulin	Moisture
		by crushing or grinding dried, cleaned tubers		Ash
	arrienence mear	of Jerusalem		Fibre
		artichokes Helianthus tuberosus L.		Oil
				Protein
	(2.8.6) Sweet potato chips or	Product obtained	Starch	Moisture
	sweet potato meal	I grinding dried, cleaned tubers of sweet potato Ipomoea batatas		Ash
				Fibre
		(L.) Poir.		Oil
				Protein
	(2.8.7) Manioc		Starch	Moisture
		manioc necessary, washed r manioc and peeled manioc roots; also		Ash
		products obtained by crushing and		Fibre
		grinding		Oil
				Protein
		Unpeeled manioc roots, dried and,	Starch	Moisture
	or manioc flakes type 55 or manioc	if necessary,		Ash
	roots type 55	products obtained by crushing and		Fibre
		grinding		Oil
				Protein
	,	Waste from the manufacture of	Starch	Moisture
	manioc pulp	manufacture of manioc starch, which has been		Ash
		dried and ground		Fibre
				Oil

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
				Protein
<b>2.9</b> Other products of vegetable origin	(2.9.1) Crushed locust beans	Product obtained by crushing the dried, stoned fruit of the carob tree		Total sugar, expressed as sucrose
		Ceratonia siliqua L.		Moisture
				Ash
	(2.9.2 <b>y</b> egetable fat or vegetable oil			Moisture
	int of regement on	or oil of vegetable origin		Acid index
				Matter insoluble in light petroleum
3. Products of	\ / 1 3	Product obtained	Protein	Moisture
Animal Origin  3.1 Milk	powder,	by drying skimmed milk either by		Lactose
products	"roller" skimmed milk powder			Oil
	("spray" skimmed milk powder) or by drying over cylinders ("hatmaker" or "roller" skimmed	or by drying over cylinders ("hatmaker" or		Ash
	(3.1.2P) owdered buttermilk	Product obtained by drying	Protein	Moisture
		buttermilk, either by vaporization	Oil	Ash
		in a current of hot air ("spray" powdered buttermilk) or by drying over cylinders ("hatmaker" or "roller" powdered buttermilk)	Lactose	
	, ,	Products obtained by drying whey	Protein	Moisture
	crumbs		Lactose	Oil
				Chlorides, expressed as NaCl

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
				Ash Sodium
	,	Product obtained by drying whey	Protein	Moisture
	whey	from which the lactose has been partly extracted	Lactose	Chlorides, expressed as NaCl
				Ash
				Oil
				Sodium
		Product obtained by drying	Protein	Moisture
		the protein compounds		Ash
	aiounini	extracted from whey or milk by chemical or physical treatment		Oil
<b>3.2</b> Products processed from land animals	(3.2.1) Blood meal	Product obtained by drying the blood of slaughtered animals and poultry. This product should be substantially free of foreign matter	Protein	Moisture Ash
	(3.2.2) Meat and bone meal	Product obtained by drying and	Protein	Moisture
	and bone meal	grinding meat pieces containing a high proportion	Oil	Chlorides, expressed as NaCl
		of bone from warm-blooded land animals. The		Phosphorus
		product should be substantially free		Ash
		of hair, bristle, feathers, horn,		Methionine
		hoof, skin and blood and of		Lysine
		the contents of the stomach and		Volatile nitrogenous bases

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3 viscera. It shall be technically free of organic solvents	Column 4	Column 5
	(3.2.3) Bone meal	Product obtained by drying and grinding bone, with the fat	Protein	Moisture Ash
		largely removed, from warm-blooded land animals. The product should be substantially free of hair, bristle, feathers, horn, hoof, skin and blood, and of the contents of the stomach and viscera. It should also be free of splinters, and may not contain bone fragments with rough surfaces or jagged edges. It shall be technically free of organic solvents		Phosphorus Oil
	Feeding bone	Commercially pure bone degreased and ground or crushed from which the nitrogen has been partly or wholly removed by steam	Protein Phosphorus	
	,	Product obtained	Protein	Moisture
	meal (Products by drying and with a fat content grinding carcases of more than and parts of 11% should be carcases of warm-described as "rich blooded land in fat") animals, if need be with the fat	Oil	Phosphorus	
			Chlorides, expressed as NaCl	
removed by an appropriate process. It should		Ash insoluble in HC1		

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
	-	be virtually free of hair, bristle, feathers, horn, hoof and skin and of the contents of		Methionine Lysine Volatile
		the stomach and viscera. It shall be technically free of organic solvents		nitrogenous
	(3.2.5) Greaves	Product derived from residues of the manufacture of tallow and other fats of	Protein	Moisture Chlorides, expressed as NaCl
		animal origin. It shall be technically free of		Oil
		organic solvents		Ash
	Poultry waste	The waste from intensive	Protein	
		which consists	Protein equivalent of uric acid if 1% or greater	
		without litter; and which has	Fibre	
		treated for use as a feeding stuff	Calcium if present in excess of 2%	
	,	Product obtained by drying and	Protein	Moisture
	poultry slaughter (Products with a fat content	or grinding waste the from slaughtered at poultry; it should an be substantially the free of feathers		Chlorides, expressed as NaCl
	12% should be described as "rich			Oil
	in fat")			Ash
	(3.2HV)drolyzed feather meal	Product obtained by hydrolyzing,	Protein	Moisture
		drying and grinding poultry feathers		Ash insoluble in HC1
	(3.2.8) Animal fat	Product composed of fat processed from		Moisture Acid index
		warm-blooded		ACIU IIIUUX

Group	Name of Material	Meaning	Compulsory declarations	Optional declarations
Column 1	Column 2	Column 3	Column 4	Column 5
		land animals or from parts thereof. It shall be technically free of organic solvents		Matter insoluble in light petroleum
<b>3.3</b> Products derived from fish	( )	Product obtained by drying and	Protein	Moisture
or other marine animals	whose chloride content expressed as NaCl is less than 2% may be	thereof, of	Oil	Chlorides, expressed as NaCl
	referred to as "low in salt")			Calcium carbonate
				Phosphorus
	(3.3.2) Cod liver oil	Oil obtained from fresh livers of fish	Vitamin A	Moisture
		of the cod family (Gadidae)		Acid index
		(Guuuc)		Matter insoluble in light petroleum
<b>4.</b> Mineral Substances	(4.1) Calcium carbonate (The	Precipitated calcium	Calcium	
	nature of the product (column	carbonate, ground limestone, prepared chalk,	Ash insoluble in HC1	
	(4.2) Calcium and magnesium	Natural mixture of calcium	Calcium	
	carbonate		Magnesium	
	, ,	Product of natural origin obtained	Calcium	
	(Maerl)	from calcareous algae, ground or granulated	Ash insoluble in HC1	
	(4.4)Magnesium oxide	Technically pure magnesium oxide (MgO)	Magnesium	
	(4.5) Kieserite	Natural magnesium sulphate (MgSO <sub>4</sub> H <sub>2</sub> O)	Magnesium	

Group Column 1	Name of Material Column 2	Meaning Column 3	Compulsory declarations Column 4	Optional declarations Column 5
	(4.6) Calcium monohydrogen phosphate (dicalcium phosphate) (The manufacturing process may be indicated in the name)	Product consisting of technically pure calcium monohydrogen phosphate (dicalcium	Phosphorus Chlorides, expressed as NaCl	Calcium
	(4De)fluorinated natural phosphate	Product obtained by grinding natural phosphates, purified and defluorinated to a greater or lesser degree	Phosphorus	Calcium
		De-gelatinised, sterilised, ground bones from which the fat has been removed	Phosphorus	Moisture Calcium
	(4.9) Calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Product consisting of technically pure calcium bis- (dihydrogen phosphate (monocalcium phosphate)	Phosphorus	Calcium
	(4.14)nmonium dihydrogen phosphate (mono- ammonium phosphate)	consisting mainly	Phosphorus Nitrogen	

### SCHEDULE 3

Regulation 10

#### LIMITS OF VARIATION

## PART A—COMPOUND FEEDING STUFFS EXCEPT THOSE FOR PETS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
Ash	If present in excess—
	2 for declarations of 10% or more
	20% of the amount stated for declarations of 5% or more but less than 10%
	1 for declarations of less than 5%
	In the case of deficiency–
	3 for declarations of 10% or more
	30% of the amount stated for declarations of 5% or more but less than 10%
	1.5 for declarations less than 5%
Ash insoluble in hydrochloric acid	If present in excess—
	2 for declarations of 10% or more
	20% of the amount stated for declarations of 5% or more but less than 10%
	1 for declarations less than 5%
Calcium	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%
	0.45 for declarations less than 1%

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	In case of deficiency–
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%
Cystine	In case of deficiency-
	30% of the amount stated
Fibre	If present in excess—
	1.8 for all declarations
	In case of deficiency—
	45% of the amount stated
Lysine	In case of deficiency-
	30% of the amount stated
Magnesium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency–
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Methionine	In case of deficiency-
	30% of the amount stated
Moisture	If present in excess—
	1 for declarations of 10% or more
	10% of the amount stated for declarations of 5% or more but less than 10%
	0.5 for declarations less than 5%
Oil	If present in excess—
	3 for declarations of 15% or more
	20% of the amount stated for declarations of 8% or more but less than 15%
	1.6 for declarations less than 8%
	In case of deficiency-
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 8% or more but less than 15%
	0.8 for declarations less than 8%
Phosphorus	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%

Analytical constituents	Limits of variation (absolute value in
Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	0.45 for declarations less than 1%
	In case of deficiency–
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%
Potassium	If present in excess–
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency-
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Protein	If present in excess—
	4 for declarations of 20% or more

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	20% of the amount stated for declarations of 10% or more but less than 20%
	2 for declarations less than 10%
	In case of deficiency–
	2 for declarations of 20% or more
	10% of the amount stated for declarations of 10% or more but less than 20%
	1 for declarations less than 10%
Protein equivalent of biuret, diureidoisobutane, urea or urea phosphate	$\pm 1.25$ or $\pm 20\%$ of the amount stated, whichever is greater
Sodium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency-
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Starch and total sugar plus starch	If present in excess—
	5 for declarations of 25% or more

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	20% of the amount stated for declarations of 10% or more but less than 25%
	2 for declarations less than 10%
	In case of deficiency–
	2.5 for declarations of 25% or more
	10% of the amount stated for declarations of 10% or more but less than 25%
	1 for declarations less than 10%
Total sugar expressed as sucrose	If present in excess—
	4 for declarations of 20% or more
	20% of the amount stated for declarations of 10% or more but less than 20%
	2 for declarations less than 10%
	In case of deficiency-
	2 for declarations of 20% or more
	10% of the amount stated for declarations of 10% or more but less than 20%
	1 for declarations less than 10%
Threonine	In case of deficiency–
	30% of the amount stated
Tryptophan	In case of deficiency–
	30% of the amount stated

### PART B—COMPOUND PET FOODS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
Ash	If present in excess—
	1.5 for all declarations

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	In case of deficiency–
	4.5 for all declarations
Ash insoluble in hydrochloric acid	If present in excess—
	1.5 for all declarations
Calcium	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%
	0.45 for declarations less than 1%
	In case of deficiency–
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%
Cystine	In case of deficiency-
	30% of the amount stated
Fibre	If present in excess—
	1 for all declarations
	In case of deficiency-
	3 for all declarations
Lysine	In case of deficiency–

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	30% of the amount stated
Magnesium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency–
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Methionine	In case of deficiency–
	30% of the amount stated
Moisture	If present in excess—
	3 for declarations of 40% or more
	7.5% of the amount stated for declarations of 20% or more but less than 40%
	1.5 for declarations less than 20%
Oil	If present in excess-
	5 for all declarations
	In case of deficiency

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	2.5 for all declarations
Phosphorus	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%
	0.45 for declarations less than 1%
	In case of deficiency–
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%
Potassium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency–
	1.5 for declarations of 15% or more

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	10% of the amount stated for declarations of
	7.5% or more but less than 15%
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Protein	If present in excess—
	6.4 for declarations of 20% or more
	32% of the amount stated for declarations of 12.5% or more but less than 20%
	4 for declarations less than 12.5%
	In case of deficiency—
	3.2 for declarations of 20% or more
	16% of the amount stated for declarations of 12.5% or more but less than 20%
	2 for declarations less than 12.5%
Sodium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Starch and total sugar plus starch	If present in excess—
	5 for declarations of 25% or more
	20% of the amount stated for declarations of 10% or more but less than 25%
	2 for declarations less than 10%
	In case of deficiency-
	2.5 for declarations of 25% or more
	10% of the amount stated for declarations of 10% or more but less than 25%
	1 for declarations less than 10%
Total sugar expressed as sucrose	If present in excess—
	4 for declarations of 20% or more
	20% of the amount stated for declarations of 10% or more but less than 20%
	2 for declarations less than 10%
	In case of deficiency-
	2 for declarations of 20% or more
	10% of the amount stated for declarations of 10% or more but less than 20%
	1 for declarations less than 10%
Threonine	In case of deficiency-
	30% of the amount stated
Tryptophan	In case of deficiency–
	30% of the amount stated

# PART C—OTHER FEEDING STUFFS NOT COVERED BY PARTS A OR B

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)	
Acid index	If present in excess	
	1.5 for declarations of 15 or more	
	10% of the amount stated for declarations of 2 or more but less than 15	
	0.2 for declarations less than 2	
Ash	If present in excess—	
	3 for declarations of 10% or more	
	30% of the amount stated for declarations of 5% or more but less than 10%	
	1.5 for declarations less than 5%	
Ash insoluble in hydrochloric acid	If present in excess—	
	10% of the amount stated for declarations above 3%	
	0.3 for declarations up to and including 3%	
Calcium	In case of deficiency-	
	1.5 for declarations of 15% or more	
	10% of the amount stated for declarations of 2% or more but less than 15%	
	0.2 for declarations less than 2%	
Calcium carbonate	If present in excess—	
	1.5 for declarations of 15% or more	
	10% of the amount stated for declarations of 2% or more but less than 15%	
	0.2 for declarations less than 2%	
Carotene	In case of deficiency-	
	30% of the amount stated	
Chlorides expressed as NaCl	If present in excess—	

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	10% of the amount stated for declarations above 3%
	0.3 for declarations up to and including 3%
Fibre	If present in excess—
	2.1 for declarations of 14% or more
	15% of the amount stated for declarations of 6% or more but less than 14%
	0.9 for declarations less than 6%
Inulin	In case of deficiency-
	3 for declarations of 30% or more
	10% of the amount stated for declarations of 10% or more but less than 30%
	1 for declarations less than 10%
Lysine	In case of deficiency-
	20% of the amount stated
Magnesium	In case of deficiency-
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 2% or more but less than 15%
	0.2 for declarations less than 2%
Matter insoluble in light petroleum	If present in excess—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 2% or more but less than 15%
	0.2 for declarations less than 2%
Methionine	In case of deficiency–
	20% of the amount stated
Moisture	If present in excess—
	1 for declarations of 10% or more

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	10% of the amount stated for declarations of 5% or more but less than 10%
	0.5 for declarations less than 5%
Oil	If present in excess—
	3.6 for declarations of 15% or more
	24% of the amount stated for declarations of 5% or more but less than 15%
	1.2 for declarations less than 5%
	In case of deficiency—
	1.8 for declarations of 15% or more
	12% of the amount stated for declarations of 5% or more but less than 15%
	0.6 for declarations less than 5%
Phosphorus	In case of deficiency–
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 2% or more but less than 15%
	0.2 for declarations less than 2%
Protein	In case of deficiency–
	2 for declarations of 20% or more
	10% of the amount stated for declarations of 10% or more but less than 20%
	1 for declarations less than 10%
Protein equivalent of uric acid	If present in excess—
	1.25, or 25% of the amount stated, whichever is the greatest
Sodium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 2% or more but less than 15%

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	0.6 for declarations less than 2%
Starch	In case of deficiency-
	3 for declarations of 30% or more
	10% of the amount stated for declarations of 10% or more but less than 30%
	1 for declarations less than 10%
Sugar (total sugars, reducing or more sugars, sucrose, lactose, glucose (dextrose))	If present in excess—
	4 for declarations of 20%
	20% of the amount stated for declarations of 5% or more but less than 20%
	1 for declarations less than 5%
	In case of deficiency–
	2 for declarations of 20% or more
	10% of the amount stated for declarations of 5% or more but less than 20%
	0.5 for declarations less than 5%
Xanthophyll	In case of deficiency-
	30% of the amount stated

### PART D—VITAMINS AND TRACE ELEMENTS

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
Cobalt	±50% of the amount stated
Copper	$\pm 30\%$ of the amount stated for declarations above 200mg/kg
	$\pm 50\%$ of the amount stated for declarations up to and including 200mg/kg
Iodine	$\pm 50\%$ of the amount stated
Iron	$\pm 30\%$ of the amount stated for declarations of 250mg/kg or more

Analytical constituents	Limits of variation (absolute value in percentage by weight, except where otherwise specified)
	±50% of the amount stated for declarations less than 250mg/kg
Manganese	$\pm 50\%$ of the amount stated
Molybdenum	$\pm 50\%$ of the amount stated
Selenium	$\pm 50\%$ of the amount stated
Vitamins D <sub>2</sub> and D <sub>3</sub>	$\pm 30\%$ of the amount stated for declarations above $4000 \mathrm{IU/kg}$
	$\pm 50\%$ of the amount stated for declarations up to and including $4000IU/kg$
Vitamins other than $D_2$ and $D_3$	In case of deficiency—
	30% of the amount stated
Zinc	$\pm 50\%$ of the amount stated

### PART E—ENERGY VALUE OF COMPOUND FEEDING STUFFS

Feeding Stuff	Limits of variation	
Compound feeding stuffs for poultry	±0.7 MJ/kg (absolute value)	
Compound feeding stuffs for ruminants	$\pm 7.5\%$ of the amount stated	
Compound feeding stuffs for pigs	$\pm 7.5\%$ of the amount stated	
Feeding stuffs for particular nutritional purposes for cats and dogs	$\pm 15\%$ of the amount stated	

#### **SCHEDULE 4**

Regulation 14

### PERMITTED ADDITIVES AND PROVISIONS RELATING TO THEIRUSE

- 1. In this Schedule "material" means "material intended for use as a feeding stuff", and any reference to a numbered Part is a reference to the Part bearing that number inthe Table in this Schedule.
- 2. No material shall contain any added antioxidant other than one named or described in column 2 of Part I, or any antioxidant so named or described unless, taking into account any such antioxidant which is naturally present, the maximum content (if any) specified inrelation thereto in column 4 of that Part is not exceeded.
  - 3. No material shall contain—
    - (a) any colourant other than one named or described in column 2 of Part II, or
    - (b) any colourant named or described in column 2 of Part II unless—

- (i) the material is intended for an animal listed opposite the colourant in question incolumn 4 of that Part;
- (ii) taking into account any such colourant as is naturally present, the maximum content(if any) specified in relation thereto in column 5 of that Part is not exceeded; and
- (iii) the material complies with the conditions (if any) specified in relation thereto incolumn 6 of that Part.
- **4.**—(1) No material shall contain any added emulsifier, stabiliser, thickener or gelling agent otherthan one named or described in Part III, or any emulsifier or stabiliser named or described in Chapter A of Part III unless the material is to be used in accordance with the specification, if any, laid down in respect of it in that Chapter.
- (2) No material shall contain any substance named or described in column 2 of Chapter B of Part III unless—
  - (a) that material is intended for animals listed opposite the substance inquestion in column 3 of that Chapter,
  - (b) taking account of any such substance which is naturally present, the maximum content (ifany) specified in relation thereto in column 4 of that Chapter is not exceeded, and
  - (c) the material complies with the conditions specified in relation thereto in column 5 of that Chapter.
- **5.** No material shall contain any added binder, anti-caking agent or coagulant other than onenamed or described in Part IV, or any substance named or described in Chapter B of that Part unless—
  - (a) taking account of any such substance which is naturally present, the maximum content (ifany) specified in relation thereto in column 4 of that Chapter is not exceeded.
  - (b) the material is to be used in accordance with the conditions (if any) laid down is respected it in column 5 of that Chapter, and
  - (c) the material is intended for animals listed opposite the binder, anti-caking agent or coagulant concerned, in column 3 of that Chapter.
- **6.**—(1) Material may contain any vitamin (not being vitamin A,  $D_2$  or  $D_3$ ) or any pro-vitamin or chemically well defined substance having a similar effect.
  - (2) No material may contain any added vitamin A, D<sub>2</sub> or D<sub>3</sub> unless—
    - (a) the material is for a species or category of animal listed opposite the vitamin in questionin column 3 of Part V;
    - (b) taking into account any such vitamin as is naturally present, the maximum content (if any) specified in relation thereto in column 4 of that Part is not exceeded; and
    - (c) the material complies with the conditions (if any) specified in relation thereto in column5 of that Part.
- 7.—(1) No material shall contain any added trace element other than one from a source specified n columns 3 and 4 of Part VI.
- (2) No material shall contain any added trace element from a source so specified in proportions which, taking account of any such trace element which is naturally presentexceed, in respect of animals (if any) listed opposite the trace element in question in column 5, the maximum content specified in relation thereto in column 6 of that Part.

- (3) No material shall contain any added trace element from a source so specified which does not comply with the conditions (if any) specified in respect of that source in column 7 of that Part.
  - 8. No material shall contain—
    - (a) any added aromatic or appetising substance other than one named or described in column 2 of Part VII;
    - (b) any added aromatic or appetising substance named or described in the said column 2 which, taking account of any such substance which is naturally present, exceeds themaximum content (if any) specified in relation thereto in column 6 of Part VII; or
    - (c) any added aromatic or appetising substance named or described in the said column 2, unless the material is for a species or category of animal listed opposite the substance in question in column 4 of Part VII and the animal concerned is of an age no greater thanthat (if any) specified in column 5 of that Part.
- **9.**—(1) No material shall contain any added preservative other than one named or described inPart VIII.
- (2) No material shall contain any added preservative specified in column 2 of Chapter B of Part VIII which, taking account of any such preservative which is naturally present, exceeds, in respect of animals listed opposite the preservative in question in column 4, the maximum content specified in relation thereto in column 5; and no material shall contain any addedpreservative specified in column 2 of that Chapter unless the material is for a species or category of animal listed opposite the preservative in question in column 4 of that Chapter, and is used in accordance with the specifications, if any, laid down in respect of it therein.
- **10.** Material intended for use as a pet food for dogs and cats may contain any of the acidityregulators named in Part IX.
  - 11. No material shall contain—
    - (a) any added enzyme, other than one named or described in column 2 of Part X; or
    - (b) any added enzyme named or described in column 2 of that Part unless—
      - (i) the material is for a species or category of animal listed opposite the enzyme inquestion in column 4 of that Part, and the animal concerned is of an age no greaterthan that (if any) specified in column 5 of that Part;
      - (ii) taking into account any such enzyme which is naturally present, the content of theenzyme is not less than the minimum (if any) specified in column 6 of that Part, and does not exceed the maximum (if any) specified in column 7 of that Part; and
      - (iii) the material is to be used in accordance with the conditions (if any) laid down incolumn 8 of that Part.
- 12. Unless otherwise stated, any maximum or minimum specified in the Table for the content of any additive in any feeding stuff is so specified by reference to a complete feeding stuff with a moisture content of 12%.

PART I
PERMITTED ANTIOXIDANTS

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical Formula	Column 4  Maximum content (mg/kg in complete feeding stuff)
E300	L-Ascorbic acid	$C_6H_8O_6$	
E301	Sodium L-ascorbate	C <sub>6</sub> H <sub>7</sub> O <sub>6</sub> Na	
E302	Calcium Di(L-ascorbate)	$C_{12}H_{14}O_{12}Ca \cdot 2H_2O$	
E303	5,6-Diacetyl-L-ascorbic acid	$C_{10}H_{12}O_8$	
E304	6-Palmitoyl-L- ascorbic acid	$C_{22}H_{38}O_7$	
E306	Tocopherol-rich extracts of natural origin	_	
E307	Synthetic <i>alpha</i> -tocopherol	$C_{29}H_{50}O_2$	
E308	Synthetic <i>gamma</i> -tocopherol	$C_{28}H_{48}O_2$	
E309	Synthetic <i>delta</i> -tocopherol	$C_{27}H_{46}O_2$	
E310	Propyl gallate	$C_{10}H_{12}O_5$	} 100: alone or together
E311	Octyle gallate	$C_{15}H_{22}O_5$	
E312	Dodecyl gallate	$C_{19}H_{30}O_5$	
E320	Butylated hydroxyanisole (BHA)	$C_{11}H_{16}O_2$	} 150: alone or together
E321	Butylated hydroxytoluene (BHT)	$C_{15}H_{24}O$	
E324	Ethoxyquin	$C_{14}H_{19}NO$	

PARTt II
PERMITTED COLOURANTS

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column Kind of animal	4	Column 5 Maximum content (mg/kg in complete feeding stuffs)	Column 6 Conditions
E160c	1. CarotenoidS <sub>40</sub> H <sub>56</sub> O <sub>3</sub> and xanthophylls: Capsanthin		} Poultry		} 80 } (alone or with the other	_
E160e	Beta-apo-8'- carotenal	$C_{30}H_{40}O$		carotenoids and xanthophylls)		
E160f	Ethyl ester of beta-apo-8'- carotenoic acid	C <sub>32</sub> H <sub>44</sub> O <sub>2</sub>		ханиюрнунзу		
E161b	Lutein	$C_{40}H_{56}O_2$				
E161c	Cryptoxanthin	$C_{40}H_{56}O$				
E161g	Canthaxanthin	$C_{40}H_{52}O_2$	(a)	(a)	Poultry	
			(IS)a	olmo(th,) trout	80	Use permitted from the age of 6months onwards. The mixture of canthaxanthin with astaxanthin is allowed provided that the total concentration of the mixture does not exceed 100 mg/kg in the complete feedingstuff.
			(c)	Dog(s;) cats and ornan fish		_
E161h	Zeaxanthin	$C_{40}H_{56}O_2$	Poultry		} 80	

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal	Column 5 Maximum content (mg/kg in complete feeding stuffs)	Column 6 Conditions
E161i	Citranaxanthin	C <sub>33</sub> H <sub>44</sub> O	Laying hens	} (alone or with other carotenoids and xanthophylls)	
E161j	Astaxanthin	C <sub>40</sub> H <sub>52</sub> O <sub>4</sub>	( <b>S</b> almo( <b>a</b> , trout		Use only permitted from the age of 6 months onwards. The mixture of astaxanthin with canthaxanthin is allowed provided that the total concentration of the mixture does not exceed 100mg/kg in the complete feedingstuff.
			On(ha)ment(d) fish	)—	_
	2. Other colourants:				
E102	Tartrazine		<sub>9</sub> S <sub>₹</sub> Ornamental	_	_
E110	Sunset yellow FCF	$C_{16}H_{10}N_2Na_2O$	fish D <sub>7</sub> S <sub>2</sub>		
E124	Ponceau 4R	C <sub>20</sub> H <sub>11</sub> N <sub>2</sub> Na <sub>3</sub> C	$O_{10}S_3$		
E127	Erythrosine	C <sub>20</sub> H <sub>6</sub> I <sub>4</sub> Na <sub>2</sub> O <sub>5</sub>	.H <sub>2</sub> O		
E131	Patent Blue V	Calcium salt of the disulphonic acid of m- hydroxytetraet diamino triphenylcarbin anhydride	speci or categ thyl of anim	gories	Permitted in animal feedingstuffs only in products processed from:

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal	Column 5 Maximum content (mg/kg in complete feeding stuffs)		umn 6 nditions
			exc of dog and cats	l	(i) (ii)	waste products of foodstuffs, denatured cereals of manioc flour, or other base substances denatured by means of these agents or coloured during technical preparation to ensure the necessary identificatio during manufacture
			(b) Dog and cats	Ī		
E132	Indigotine	C <sub>16</sub> H <sub>8</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> S	SQrnamental fish	_	_	
E141	Chlorophyll copper complex	_	Ornamental fish	_		
E142	Acid Brilliant Green BS, (Lissamine Green)	Sodium salt of 4,4'-bis (dimethylamino diphenylmethyl 2- naphthol-3,6- disulphonic acid	spe of cate of ani wit the		in ar feed only prod	nitted nimal lingstuffs in lucts ressedfrom: waste products

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical formula, description	Column 4 Kind of animal	Column 5 Maximum content (mg/kg in complete feeding stuffs)		umn 6 nditions
			of dogs cats and orna fish	mental	(ii)	of foodstuffs, denatured cereals or manioc flour, or
					(iii)	other base substances denatured by means of these agents or coloured during technical preparation to ensure the necessary identification during manufacture.
			(b) Dogs cats and orna fish	nental	_	
E153 E160B	Carbon black Bixin	C C <sub>25</sub> H <sub>30</sub> O <sub>4</sub>	<pre>} Ornamental fish</pre>	_	_	
E172	Iron oxide, red					
	3. All colourants (other than Patent Blue V and Acid Brilliant Green BS) at present permitted for use in human food by		spec or categ of anim with the	gories nals	in ar feed only prod	lucts essed

Column 1	Column 2	Column 3	Column 4	Column 5	Col	umn 6
EEC No.	Name or Description	Chemical formula, description	Kind of animal	Maximum content (mg/kg in complete feeding stuffs)	Сот	foodstuffs.
	Community Directives, as implemented by Regulations made or having effect as if made under the Food Act 1984(20) or the Food and Drugs (Scotland) Act 1956(21)		and cats		(ii)	or other base substances with the exception of cereals and manioc flour, denatured by means of these agents or coloured
						during technical preparation to ensure the necessary identificat during manufactu
			(b) Dog and cats	<b>3</b> ) —	_	

### PART III

### PERMITTED EMULSIFIERS, STABILISERS, THICKENERS AND GELLING AGENTS

#### CHAPTER A

EEC No.	Name or description
E322	Lecithins

<sup>(20) 1984</sup> c. 30. (21) 1956 c. 30 (4 & 5 Eliz. 2).

EEC No.	Name or description
E400	Alginic acid
E401	Sodium alginate
E402	Potassium alginate
E403	Ammonium alginate—Not permitted in aquarium fish feed
E404	Calcium alginate
E405	Propylene glycol alginate (propane-1,2-diol alginate)
E406	Agar
E407	Carrageenan
E408	Furcellaran
E410	Locust bean gum (carob gum)
E411	Tamarind seed flour
E412	Guar gum (guar flour)
E413	Tragacanth
E414	Acacia (gum arabic)
E415	Xanthan gum
E420	D-Glucitol (sorbitol)
E421	Mannitol
E422	Glycerol
E440	Pectins
E460	Microcrystalline cellulose
E460(ii)	Cellulose powder
E461	Methylcellulose
E462	Ethylcellulose
E463	Hydroxypropylcellulose
E464	Hydroxypropylmethylcellulose
E465	Ethylmethylcellulose
E466	Carboxymethylcellulose (sodium salt of carboxymethyl ether of cellulose)
E470	Sodium, potassium and calcium salts of edible fatty acids, alone or in mixtures, derived either from edible fats or distilled edible fatty acids
E471	Monoacyl and diacylglycerols (mono- and di- glycerides of fatty acids)
E472	Monoacyl and diacylglycerols esterified with the following acids:

EEC No.		Name o	or description		
		(b) ac (c) ci (d) ta	cetic ctic tric rtaric onoacetyltartaric ar	nd diacetyltartaric	
E473			e esters of fatty acid ose and edible fatty		
E474			e of sucrose esters o lycerols (sucroglyce		
E475		Polygly fatty ac	cerol esters of non- ids	polymerised edible	
E477	Propylene glycol esters of fatty acids (propane-1,2-diol esters of fatty acids)				
E480		Stearoyl-2-lactylic acid			
E481	Sodium stearoyl-2-lactylate				
E482		Calciun	n stearoyl-2-lactylate		
E483		Stearyl	artrate		
E484		Glycero	ol poly(ethylene glycol)ricinoleate		
E486		Dextrar	ins		
E491		Sorbita	nn monostearate		
E492		Sorbita	tan tristearate		
E493		Sorbita	n monolaurate		
E494		Sorbita	n mono-oleate		
E495		Sorbita	n monopalmitate		
		CHAPTER B			
Column 1 EEC No.	Column 2 Name or Description	Column 3 Kind of animal	Column 4  Maximum  Content (mg/ kg in complete feeding stuff)	Column 5 Conditions	
E418	Gellan Gum (Polytetrasaccha containing glucose,	Dogs, Cats aride	No limit	Canned feeding stuffs only	

glucuronic acid and rhamnose (2:1:1) produced by *Pseudomonas* 

(ATCC31466))

elodea

Column 1 EEC No.	Column 2 Name or Description	Column 3 Kind of animal	Column 4  Maximum  Content (mg/ kg in complete feeding stuff)	Column 5 Conditions
E432	Polyoxyethylene (20) sorbitan monolaurate	} All species of animals	} 5000 (alone or with other Polysorbates)	} Milk replacer feeds only
E433	Polyoxyethylene (20) sorbitan mono-oleate			
E434	Polyoxyethylene (20) Sorbitan monopalmitate			
E435	Polyoxeyethylene (20) sorbitan monostearate			
E436	Polyoxyethylene (20) sorbitan tristearate			
E450b(i)	penta Sodium triphosphate	Dogs, Cats	5000	All feeding stuffs
E487	Polyethyleneglyco esters of fatty acids from soya oil	l Calves	6000	Milk replacer feeds only
E488	Polyoxyethylated glycerides of tallow fatty acids	Calves	5000	Milk replacer feeds only
E489	Ethers of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids	Calves	5000	Milk replacer feeds only
E490	Propane-1, 2-diol	Dairy cows	12000	} All feeding
		Calves	} 36000	stuffs
		Cattle for fattening		
		Lambs		
		Kids		
		Swine		
		Poultry		

Column 1 EEC No.	Column 2 Name or Description	Column 3 Kind of animal	Column 4  Maximum  Content (mg/ kg in complete feeding stuff)	Column 5 Conditions
E496	Poly(ethylene glycol) 6000	} All species of animals	300	} All feeding stuffs
E497	Polyoxypropylene- polyoxyethylene polymers (M.W. 6800–9000)	-	50	
E498	Partial polyglycerol esters of polycondensed fatty acids of caster oil (polyglycerol polyricinoleate)	Dogs	No limit	All feeding stuffs
E499	Cassia Gum	Dogs, Cats	17600	Canned feeding stuffs only

### PART IV PERMITTED BINDERS, ANTI-CAKING AGENTS AND COAGULANTS

### $CHAPTER\ A$

EEC No.	Name or Description	Chemical formula
E330	Citric acid	$C_6H_8O_7$
E470	Sodium, potassium and calcium stearates	$\begin{array}{l} C_{18}H_{35}O_{2}NaC_{18}H_{35}O_{2}K\\ and C_{36}H_{70}O_{4}Ca \end{array}$
E551a	Silicic acid (precipitated and dried)	_
E551b	Colloidal silica	_
E551c	Kieselguhr (diatomaceous earth, purified)	_
E552	Calcium silicate (synthetic)	_
E554	Sodium aluminosilicate (synthetic)	_
E559	Kaolin and kaolinitic clays free of asbestos (naturally occurring mixtures of minerals containing at least 65% complex hydrated	
	80	

EEC No.		ne or Description	Chemical	formula
		inium silicates who constituent is kaol		
E560		ral mixtures of stea rite free of asbestos	tite and —	
	(min 85%	. purity of the mixtu)	ıre: —	
E561	of m iron, of as	niculite (hydrated si agnesium, aluminiu expanded by heatin bestos:—max. fluor ent—0.3%)	m and ng, free	
E565	Lign	osulphonates	_	
		CHAPTER B		
Column 1 EEC No.	Column 2 Name or Description	Column 3 Kind of animal	Column 4  Maximum  content (mg/ kg in complete feeding stuff)	Column 5 Conditions
E558	Bentonite and montmorillonite	All species of animals	20000	All feeding stuffs (Mixing of antibiotic growth promoters and coccidiostats with feeding stuffs and ingredients in the presence of these additives is prohibited except for tylosin, monensin sodium, narasin, ipronidazole, lasalocid sodium, avoparcin, flavophospholipol, salinomycinsodium ronidazole and virginiamycin, nicarbazin, robenidine and maduramicin ammonium
E516	Calcium sulphate dihydrate	All species of animals	30000	All feeding stuffs

Column 1 EEC No.	Column 2 Name or Description	Column 3 Kind of animal	Column 4  Maximum  content (mg/ kg in complete feeding stuff)	Column 5 Conditions
E599	Perlite	All species of animals	No limit	All feeding stuffs
E562	Hydrated magnesium silicate of sedimentary origin, containing at least 60% sepiolite and maximum 30% montmorillonite.  Asbestos free	All species of animals	20000	All feeding stuffs
E563	Sepiolitic clay  Hydrated magnesium silicate of sedimentary origin, containing at least 40% sepiolite and 25% illite.  Asbestos free.	All species	20000	All feeding stuffs
E598	Synthetic calcium aluminates.  Mixture of calcium aluminates containing between 35 and 51% of Al <sub>2</sub> O <sub>3</sub> maximum molybdenum content of 20mg/kg	Poultry, rabbits and pigs Dairy cows, cattle for fattening. Calves, lambs and kids	20000 8000	All feeding stuffs All feeding stuffs
	Natrolite- phonolite (Natural mixture of aluminium silicates, alkalines and alkaline-earth	All species of animals	25000	All feeding stuffs

Column 1	Column 2	Column 3	Column 4	Column 5
EEC No.	Name or Description	Kind of animal	Maximum content (mg/ kg in complete feeding stuff)	Conditions
	and aluminium hydrosilicates, natrolite (43%– 46%) and feldspar)		Jeeung stugy	

# PART V VITAMINS, PRO-VITAMINS AND SUBSTANCES HAVING A SIMILAR EFFECT

Column 1 EEC No.	Column 2 Vitamin	Column 3 Kind of animal	Column 4  Maximum content (international units per kilogram in complete feeding stuff) or of the daily ration		Column 5 Conditions
E672	A	Chickens for fattening	13500	} All feeding stuffs except	
		Ducks for fattening	13500	feeding stuffs for young animals	
		Turkeys for fattening	13500	aiiiiais	
		Lambs for fattening	r 13500		
		Pigs for fattening	13500		
		Bovines for fattening	13500		
		Calves for fattening	25000	Only milk replacers	
		Other species of animals	_	All feeding stuffs	
E670	$D_2$	Pigs	2000		} Simultaneous
or	Piglets		10000	in milk replacer feeds only	use of vitamin D <sub>2</sub> and D <sub>3</sub> prohibited
		Cattle	4000		

Column 1 EEC No.	Column 2 Vitamin	Column 3 Kind of animal	Column 4  Maximum content (international units per kilogram in complete feeding stuff) or of the daily ration		Column 5 Conditions
		Calves	10000	in milk replacer feeds only	
		Sheep	4000		
		Lambs	10000	in milk replacer feeds only	
		Horses	4000		
		Other species of animals except poultry and fish	2000		
E671	$D_3$	Pigs	2000		}
		Piglets	10000	in milk replacer feeds only	Simultaneous use of Vitamin D <sub>2</sub> and D <sub>3</sub> prohibited
		Cattle	4000		promoted
		Calves	10000	in milk replacer feeds only	
		Sheep	4000		
		Lambs	10000	in milk replacer feeds only	
		Horses	4000		
		Chickens for fattening	5000		
		Turkeys	5000		
		Other poultry	3000		
		Fish	3000		
		Other species of animals	2000		

### PART VI TRACE ELEMENTS

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7 Conditions
E1	Iron-Fe	Ferrous carbonate	FeCO <sub>3</sub>	} all animals	1250 (total)	_
		Ferrous chloride, tetrahydrate	FeCl <sub>2</sub> .4H <sub>2</sub> O			_
		Ferric chloride, hexahydrate	FeCl <sub>3</sub> .6H <sub>2</sub> O			_
		Ferrous citrate, hexahydrate	$Fe_3(C_6H_5O_7)$	<sub>2</sub> .6H <sub>2</sub> O		_
		Ferrous fumurate	FeC <sub>4</sub> H <sub>2</sub> O <sub>4</sub>			_
		Ferrous lactate, trihydrate	Fe(C <sub>3</sub> H <sub>5</sub> O <sub>3</sub> ) <sub>2</sub>	.3H <sub>2</sub> O		_
		Ferric oxide	$Fe_2O_3$			_
		Ferrous sulphate, monohydrate	FeSO <sub>4</sub> .H <sub>2</sub> O			Permitted: (i) in denatured skimmed milk powder and in compound feeding stuffs manufactured from denatured skimmed milk powder: — subject to the

**Status:** This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7
EEC No.	Element	Name of Additive	Chemical Formula	Kind of Animal	Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Conditions

mandatory provisions of Commission Regulations (EEC) No. 368/77 and (EEC) No. 443/77.

 declaration of the amount of iron added, expressed as the element, on the label or package or container ofdenatured skimmed milk powder.

powder.

(ii) in compound feeding stuffs other than those listed under (i).

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7	
		Ferrous sulphate, heptahydrate	FeSO <sub>4</sub> .7H <sub>2</sub> O	all animals	1250 (total)	skim milk and i comp feed stuff man from dena skim milk powe	tured imed in pound ing is ufactured tured imed

or

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs		umn 7 nditions
						(ii)	package or container of denatured skimmed milk powder. in compound feeding stuffs other than those listed under (i) above.
		Ferrous Chelate of Amino Acids hydrate	Fe(x) 1-3.nH <sub>2</sub> O (where x equals an anion of any amino acid derived from hydrolysed Soya Protein) Molecular weight not exceeding 1500	} all animals			
E2	Iodine-I	Calcium iodate,	Ca(IO <sub>3</sub> ) <sub>2</sub> .6H <sub>2</sub>	2Q equines;	} 4 (total);	_	
		hexahydrate } other	} 40 (total)				
		Calcium iodate, anhydrous	Ca(IO <sub>3</sub> ) <sub>0</sub>	species of animals		_	

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7 Conditions
		Sodium iodide	NaI			_
		Potassium iodide	Kl			_
Е3	Cobalt-Co	Cobaltous acetate, tetrahydrate	Co(CH <sub>3</sub> COO	)}. <b>4H</b> <sub>2</sub> O animals	} 10 (total)	_
		Basic cobaltous carbonate, monohydrate	2CoCO <sub>3</sub> .3Co	(OH) <sub>2</sub> .H <sub>2</sub> O	_	
		Cobaltous chloride, hexahydrate	CoCl <sub>2</sub> .6H <sub>2</sub> O			_
		Cobaltous sulphate, heptahydrate	CoSo <sub>4</sub> .7H <sub>2</sub> O			_
		Cobaltous sulphate, monohydrate	CoSo <sub>4</sub> .H <sub>2</sub> O			_
		Cobaltous nitrate, hexahydrate	Co(NO <sub>3</sub> ) <sub>2</sub> .6H	[ <sub>2</sub> O		_
E4	Copper-Cu	Cupric acetate,	Cu(CH <sub>3</sub> COO	)}.Higgs for fattening:	}	_
		monohydrate			} 35 (total)	
		Basic cupric carbonate, monohydrate	CuCO <sub>3</sub> .Cu(O	months	} 35 (total)	
		Cupric		} Breeding pigs:	}	_
		chloride, dihydrate		} Calves:	} 30 (total)	
		Cupric methionate	$Cu(C_3H_{10}NO$	${}^{2}S)_{2}$ milk	} 50 (total)	_
		Cupric oxide	CuO	replacers: } —other complete		_

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7 Conditions
		Cupric sulphate, pentahydrate	CuSO <sub>4</sub> .5H <sub>2</sub> O	feeding stuffs:		_
		1 ,		Ovines:	15 (total)	_
				Other species of animals:	35 (total)	
		Cupric sulphate, monohydrate Cupric sulphate, pentahydrate	CuSO <sub>4</sub> .H <sub>2</sub> O CuSO <sub>4</sub> .5H <sub>2</sub> O	<ul> <li>} Pigs for fattening:</li> <li>} —over six months</li> <li>} Breeding pigs:</li> <li>} Ovines:</li> <li>} Other species of animals</li> </ul>	<pre>} } 35 (total) } 35 (total) } 15 (total) } 35 (total)</pre>	Denatured skimmed milk powder and compound feeding stuffs manufactured from denatured skimmed milk powder: — Subject
				with the exception of calves:		to the relevant provisions of Commission Regulation (EEC) No. 368/77 and (EEC) No. 443/77 — Declaration of the amount of copper added, expressed as the element on the

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7 Conditions
						label or package or the container of denatured skimmed milk powder.
E5	Manganese- Mn	Manganous carbonate	MnCO <sub>3</sub>	} all animals	250 (total)	_
		Manganous chloride, tetrahydrate	MnCl <sub>2</sub> .4H <sub>2</sub> O			_
		Manganous hydrogen phosphate, trihydrate	MnHPO <sub>4</sub> .3H	<sub>2</sub> O		_
		Manganous oxide	MnO			_
		Manganic oxide	$Mn_2O_3$			_
		Manganous sulphate, tetrahydrate	MnSO <sub>4</sub> .4H <sub>2</sub> O	)		_
		Manganous sulphate, monohydrate	MnSO <sub>4</sub> .H <sub>2</sub> O			_
E6	Zinc-Zn	Zinc lactate, trihydrate	$Zn(C_3H_5O_3)_2$	.3HJO animals	250 (total)	_
		Zinc acetate, dihydrate	Zn(CH <sub>3</sub> .COC	)) <sub>2</sub> .2H <sub>2</sub> O		_
		Zinc carbonate	ZnCO <sub>3</sub>			_

Column 1 EEC No.	Column 2 Element	Column 3 Name of Additive	Column 4 Chemical Formula	Column 5 Kind of Animal	Column 6 Maximum Content of the Element mg/kg in Complete Feeding Stuffs	Column 7 Conditions
		Zinc chloride, monohydrate	ZnCl <sub>2</sub> .H <sub>2</sub> O			_
		Zinc oxide	ZnO			Maximum content of lead 600 mg/kg.
		Zinc sulphate, heptahydrate	ZnSO <sub>4</sub> .7H <sub>2</sub> O			_
		Zinc sulphate, monohydrate	ZnSO <sub>4</sub> .H <sub>2</sub> O			_
E7	Molybdenum Mo	n-Ammonium molybdate	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O	2₄. <b>4H</b> 2O animals	2.5 (total)	_
		Sodium molybdate	Na <sub>2</sub> MoO <sub>4</sub> .2H	I <sub>2</sub> O		
E8	Selenium- Se	Sodium selenite	Na <sub>2</sub> SeO <sub>3</sub>	} all animals	0.5 (total)	_
		Sodium selenate	Na <sub>2</sub> SeO <sub>4</sub>			

## PART VII AROMATIC AND APPETISING SUBSTANCES

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
EEC No.	Additives	Chemical formula	Species or category of animal	Maximum age	Maximumcontent mg/ kgofcomplete feeding stuff
	1. All natural products and corresponding synthetic products	_	All animals	_	_

Column 1 EEC No.	Column 2 Additives	Column 3 Chemical formula	Column 4 Species or category of animal	Column 5 Maximum age	Column 6 Maximumcontent mg/ kgofcomplete feeding stuff
	<b>2.</b> Artificial substances:				
E954(i)	Saccharin	$C_7H_5NO_3S$	Piglets	Four months	150
E954(ii)	Calcium saccharin	C <sub>14</sub> H <sub>8</sub> CaN <sub>2</sub> O <sub>6</sub> S	S <sub>2</sub> Piglets	Four months	150
E954(iii)	Sodium saccharin	C <sub>7</sub> H <sub>4</sub> NNaO <sub>3</sub> S	Piglets	Four months	150
E959	Neohesperidin dihydrochalcon		Piglets	Four months	35
			Dogs	_	35
			Calves	_	30
			Ovines	_	30

## PART VIII PERMITTED PRESERVATIVES

### CHAPTER A

Column 1	Column 2	Column 3
EEC No.	Name or Description	Chemical Formula
E200	Sorbic acid	$C_6H_8O_2$
E201	Sodium sorbate	$C_6H_7O_2Na$
E202	Potassium sorbate	$C_6H_7O_2K$
E203	Calcium sorbate	$C_{12}H_{14}O_4Ca$
E236	Formic acid	$CH_2O_2$
E237	Sodium formate	CHO <sub>2</sub> Na
E238	Calcium formate	$C_2H_2O_4Ca$
E260	Acetic acid	$C_2H_4O_2$
E261	Potassium acetate	$C_2H_3O_2K$
E262	Sodium diacetate	$C_4H_7O_4Na$
E263	Calcium acetate	C <sub>4</sub> H <sub>6</sub> O <sub>4</sub> Ca
E270	Lactic acid	$C_3H_6O_3$
E280	Propionic acid	$C_3H_6O_2$

Column 1 EEC No.	Column 2 Name or Description	Column 3 Chemical Formula
E281	Sodium propionate	C <sub>3</sub> H <sub>5</sub> O <sub>2</sub> Na
E282	Calcium propionate	$C_6H_{10}O_4Ca$
E283	Potassium propionate	$C_3H_5O_2K$
E284	Ammonium propionate	$C_3H_9O_2N$
E295	Ammonium formate	CH <sub>5</sub> O <sub>2</sub> N
E296	DL-Malic acid	$C_4H_6O_5$
E297	Fulmaric acid	$C_4H_4O_4$
E325	Sodium lactate	$C_3H_5O_3Na$
E326	Potassium lactate	$C_3H_5O_3K$
E327	Calcium lactate	$C_6H_{10}O_6Ca$
E330	Citric acid	$C_6H_8O_7$
E331	Sodium citrates	_
E332	Potassium citrates	_
E333	Calcium citrates	_
E334	L-Tartaric acid	$C_4H_6O_6$
E335	Sodium L-tartrates	_
E336	Potassium L-tartrate	_
E337	Potassium sodium L-tartrates	$C_4H_4O_6KNa.4H_2O$
E338	Orthophosphoric acid	$H_3PO_4$
E507	Hydrochloric acid for use in silage only	HC1
E513	Sulphuric acid for use in silage only	H <sub>2</sub> SO <sub>4</sub>

### CHAPTER B

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
EEC No.	Name or description	Chemical formula	Kind of animal	Maximum content (mg/kg in complete feeding stuff)	Minimum content (mg/kg in complete feeding stuff)
E222	Sodium hydrogensulph (sodium bisulphite) —Not permitted in	NaHSO <sub>3</sub> ite	Dogs and Cats	500 alone or together expressed as SO <sub>2</sub>	

Column 1 EEC No.	Column 2 Name or description	Column 3 Chemical formula	Column 4 Kind of animal	Column 5 Maximum content (mg/kg in complete feeding stuff)	Column 6 Minimum content (mg/kg in complete feeding stuff)
	unprocessed meat and fish				
E223	diSodium disulphite (Sodium metabisulphite) ——Not permitted in	$Na_2S_2O_5$	Dogs and Cats	500 alone or together expressed as SO <sub>2</sub>	
	unprocessed meat and fish				
E250	Sodium nitrite	NaNO <sub>2</sub>	Dogs and Cats	s 100 (canned feeding stuffs only)	
E214	Ethyl 4- hydroxybenzoa	$C_9H_{10}O_3$ te	Pet animals	No limit	
E215	Sodium ethyl 4- hydroxybenzoa	C <sub>9</sub> H <sub>9</sub> O <sub>3</sub> Na te	Pet animals	No limit	
E216	Propyl 4- hydroxybenzoa	$C_{10}H_{12}O_3$ te	Pet animals	No limit	
E217	Sodium propyl 4- hydroxybenzoa	$C_{10}H_{11}O_3Na$ te	Pet animals	No limit	
E218	Methyl 4- hydroxybenzoa	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub> te	Pet animals	No limit	
E219	Sodium methyl 4- hydroxybenzoa	C <sub>8</sub> H <sub>7</sub> O <sub>3</sub> Na te	Pet animals	No limit	
E490	Propane-1, 2-diol	$C_3H_8O_2$	Dogs	53,000	
E240	Formaldehyde	CH <sub>2</sub> O	All species of animals Pigs up to the age of six months	No limit (for silage only) 600 (skimmed milk only)	
E285	Methylpropioni acid	icC <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	Ruminants at the beginning of rumination	4,000	1,000

### PART IX

### PERMITTED ACIDITY REGULATORS FOR PET FOODS FOR DOGS AND CATS

Column 1 EEC No.	Column 2 Additive
E170	Calcium carbonate
E296	DL- and L-Malic acid
_	Ammonium dihydrogen orthophosphate
_	diAmmonium hydrogenorthophosphate
E339(i)	Sodium dihydrogen orthophosphate
E339(ii)	diSodium hydrogen orthophosphate
E339(iii)	triSodium orthophosphate
E340(i)	Potassium dihydrogen orthophosphate
E340(ii)	diPotassium hydrogen othophosphate
E340(iii)	triPotassium orthophosphate
E341(i)	Calcium tetrahydrogen diorthophosphate
E341(ii)	Calcium hydrogen orthophosphate
E350(i)	Sodium malate (Salt of DL- or L-Malic Acid)
E450(a)(i)	diSodium dihydrogen diphosphate
E450(a)(iii)	tetraSodium diphosphate
E450(a)(iv)	tetraPotassium diphosphate
E450(b)(i)	pentaSodium triphosphate
E450(b)(ii)	pentaPotassium triphosphate
E500(i)	Sodium carbonate
E500(ii)	Sodium hydrogen carbonate
E500(iii)	Sodium sesquicarbonate
E501(ii)	Potassium hydrogen carbonate
E503(i)	Ammonium carbonate
E503(ii)	Ammonium hydrogen carbonate
E507	Hydrochloric acid
E510	Ammonium chloride
E513	Sulphuric acid
E524	Sodium hydroxide
E525	Potassium hydroxide
E526	Calcium hydroxide

Column 1	Column 2
EEC No.	Additive
E529	Calcium oxide
E540	diCalcium diphosphate

## PART X PERMITTED ENZYMES

Column 1 EEC No.	Column 2 Name or description	Column 3 Chemical formula, description	Column 4 Kind of animal	Column 5 Maximum age	Column 6 Minimum activity	Column 7 Maximum activity	Column 8 Conditions
					Units of ac per kg of c feedingstu	omplete	
1	3-phytase (EC 3.1.3.8)	Preparation of 3-phytase produced by Aspergillus niger (CBS 114.94) having a minimum phytase activity of 5000 FTU/g for solid and liquid preparations	categories of animals) Chickens (all categories of animals)	_	_	_	

### SCHEDULE 5

Regulation 15

### PRESCRIBED LIMITS FOR UNDESIRABLE SUBSTANCES

### PART I FEEDING STUFFS

Column 1	Column 2	Column 3
Substances	Feeding stuffs	Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
CHAPTER A		
Arsenic	Straight feeding stuffs except:	2
	<ul> <li>meal made from grass, from dried lucerne, or from dried clover</li> </ul>	4
	<ul> <li>dried sugar beet pulp or dried molassed sugarbeet pulp</li> </ul>	4
	<ul> <li>phosphates and feeding stuffs obtained fromthe processing of fish or other marine animals</li> </ul>	10
	Complete feeding stuffs except:	2
	— complete feeding stuffs for fish	4
	Complementary feeding stuffs except:	4
	— mineral feeding stuffs	12
Cadmium	Straight feeding stuffs of vegetable origin	1
	Straight feeding stuffs of animal origin (with the exception of feeding stuffs for pets)	2
	Phosphates	10
	Complete feeding stuffs for cattle, sheep and goats (with the exception of complete feeding stuffs for calves, lambs and kids)	1
	Other complete feeding stuffs (with the exception of feeding stuffs for pets)	0.5

Column 1 Substances	Column 2 Feeding stuffs	Column 3  Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
	Mineral feeding stuffs	5
	Other complementary feeding stuffs for cattle, sheepand goats	0.5
Fluorine	Straight feeding stuffs except:	150
	<ul> <li>feeding stuffs of animal origin</li> </ul>	500
	— phosphates	2000
	Complete feeding stuffs	150
	<ul> <li>complete feeding stuffs for cattle, sheep and goats</li> </ul>	
	— in milk	30
	— other	50
	— complete feeding stuffs for pigs	100
	<ul> <li>complete feeding stuff for poultry</li> </ul>	350
	— complete feeding stuff for chicks	250
	Mineral mixtures for cattle, sheep and goats	2000
	Other complementary feeding stuffs	125 (fluorine content per percentage point phosphorus in the feeding stuff)
Lead	Straight feeding stuffs except:	10
	— grass meal, lucerne meal or clover meal	40
	— phosphates	30
	— yeast	5
	Complete feeding stuffs	5
	Complementary feeding stuffs except:	10
	— mineral feeding stuffs	30
Mercury	Straight feeding stuffs except:	0.1
	— feeding stuffs produced by the processing of fish or other marine animals	0.5

Column 1	Column 2	Column 3
Substances	Feeding stuffs	Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
	Complete feeding stuffs except:	0.1
	<ul> <li>complete feeding stuffs for dogs or cats</li> </ul>	0.4
	Complementary feeding stuffs (with the exception of complementary feedings stuffs for dogs and cats)	0.2
Nitrites	Fish meal	60 (expressed as sodium nitrite)
	Complete feeding stuffs except feeding stuffs intended for pets other than birds and aquarium fish	15 (expressed as sodium nitrite)
CHAPTER B		
Aflatoxin B <sub>1</sub>	Straight feeding stuffs except:	0.05
	<ul> <li>groundnut, copra, palm- kernel, cotton seed, babassu, maize and products derived from the processing thereof</li> </ul>	0.02
	Complete feeding stuffs for cattle, sheep and goats (except dairy animals, calves, lambs and kids)	0.05
	Complete feeding stuffs for pigs and poultry (except piglets and chicks)	0.02
	Other complete feeding stuffs	0.01
	Complementary feeding stuffs for cattle, sheep andgoats (except complementary feeding stuffs for dairy animals, calves and lambs)	0.05
	Complementary feeding stuffs for pigs and poultry (except young animals)	0.03
	Other complimentary feeding stuff	0.005
Castor oil plant <i>Ricinus</i> communis L.	All feeding stuffs	10 (expressed in terms of castor oil plant husks)
Crotalaria L. spp	All unmilled materials	100

Column 1 Substances	Column 2 Feeding stuffs	Column 3  Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
Free Gossypol	Straight feeding stuffs except:	20
	— cotton cake or meal	1200
	Complete feeding stuffs except:	20
	— complete feeding stuffs for cattle, sheep and goats	500
	— complete feeding stuffs for poultry (exceptlaying hens and calves	100
	— complete feeding stuffs for rabbits and pigs(except piglets)	60
Hydrocyanic acid	Straight feeding stuffs except:	50
	— linseed	250
	— linseed cake or meal	350
	<ul><li>manioc products and almond cakes</li></ul>	100
	Complete feeding stuffs except:	50
	— complete feeding stuffs for chicks	10
Rye Ergot <i>Claviceps purpurea</i> (Fr.) Tul	All feeding stuffs containing unground cereals	1000
CHAPTER C		
Apricot-Prunus armeniaca L.	{ All feeding stuffs	{ Seeds and fruits of the plant
Bitter almond– <i>Prunus dulcis</i> (Mill.) D A Webb var. <i>amara</i> (DC.) Focke ( = <i>Prunus amygdalus</i> Batsch var. <i>amara</i> (DC.) Focke)		species listed opposite as well as their processed derivatives may only be present in feeding stuffs in trace amounts not quantitatively determinable
Unhusked beech mast– <i>Fagus silvatica</i> L. Camelina– <i>Camelina sativa</i> (L.) Crantz		
Mowrah, bassia, madhuca–Madhuca longifolia (L) Macbr. (= Bassia longifolia L.=Illipe malabrorum Engl.) Madhuca indica Gmelin. (= Bassia latifolia (Roxb.) F.Mueller)		

Column 1 Substances	Column 2 Feeding stuffs	Column 3  Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
Purghera– <i>Jatropha curcas</i> L. Croton– <i>Croton tiglium</i> L.		
Indian mustard— <i>Brassica juncea</i> (L.) Czern. and Coss. ssp. <i>integrifolia</i> (West.) Thell		
Sareptianmustard– <i>Brassica juncea</i> Czern. and Coss. ssp. <i>juncea</i> Chinese mustard– <i>Brassica juncea</i> (L.) Czern. and Coss.ssp. <i>juncea</i> var. <i>lutea</i> Batalin		
Black mustard– <i>Brassica nigra</i> (L.) Koch		
Ethiopian mustard– <i>Brassicacarinata</i> A Braun		
Theobromine	Complete feeding stuffs except:	300
	— complete feeding stuffs for adult cattle	700
Vinylthiooxazolidone	Complete feeding stuffs for poultry except:	1000
	— complete feeding stuffs for laying hens	500
Volatile mustard oil	Straight feeding stuffs except:	100 (expressed as ally isothiocyanate)
	— rape cake or meal	4000 (expressed as allyl isothiocyanate)
	Complete feeding stuffs except:	150 (expressed as allyl isothiocyanate)
	— complete feeding stuffs for cattle, sheep and goats (except calves, lambs and kids)	1000 (expressed as allyl isothiocyanate)
	<ul> <li>complete feeding stuffs for pigs (exceptpiglets) and poultry</li> </ul>	500 (expressed as allyl isothiocyanate)
Weed seeds and unground and uncrushed fruit containing alkaloids, glucoside or other toxic substances separately or in combination including:	All feeding stuffs	3000

Column 1	Column 2	Column 3
Substances	Feeding stuffs	Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
(a) (a) Lolium temulentum L.		1000
(b) (b) Lolium remotum Schrank		1000
(c) (c) Datura stramonium L.		1000
CHAPTER D		
Aldrin } singly, or combined expressed as dieldrin	All feeding stuffs	0.01
expressed as dicidini	except fats	0.2
Dieldrin } singly, or combined expressed as dieldrin		
Camphechlor (Toxaphene)	All feeding stuffs	0.1
Chlordane (sum of cis	All feeding stuffs	0.02
and trans isomers and of oxychlordane)	except fats	0.05
DDT (sum of DDT, TDE and	All feeding stuffs	0.05
DDE isomers, expressed as DDT)	except fats	0.5
Endosulphan (sum of alpha	All feeding stuffs	0.1
and beta isomers and of endosulphan sulphate,	except — maize	0.2
expressed as endosulphan)	— oilseeds	0.5
	— complete feeding stuffs for fish	0.005
Heptachlor (sum of heptachlor	All feeding stuffs	0.01
and of heptachlor epoxide, expressed as heptachlor)	excepts fats	0.2
Hexachlorobenzene (HCB)	All feeding stuffs	0.01
	except fats	0.2
Hexachlorocyclohexane (HCH)		
— alpha isomer	All feeding stuffs	0.02
	except fats	0.2
— beta isomer	Straight feeding stuffs	0.01
	except fats	0.1
	Compound feeding stuffs	0.01
	except compound feeding stuffs for dairy cattle	0.005

Column 1	Column 2	Column 3
Substances	Feeding stuffs	Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%
— gamma isomer	All feeding stuffs	0.2
	except fats	2.0

### PART II INGREDIENTS

Column 1	Column 2	Column 3
Substances	Ingredients	Maximum content in mg/kg of ingredients referred to a moisture content of 12%
Aflatoxin B <sub>1</sub>	Groundnut, copra, palm- kernel, cotton seed, babassu, maize and products derived from the processing thereof	0.2
Cadmium	Phosphates	10
Arsenic	Phosphates	20

SCHEDULE 6

Schedule 1 Part 1 Paragraphs 11 and 12

# PART I CATEGORIES OF INGREDIENTS FOR USE IN RELATION TO COMPOUND FEEDING STUFFS FOR PET ANIMALS

Description of the Category	Definition
1. Meat and animal derivatives	All the fleshy parts of slaughtered warm- blooded land animals fresh or preserved by appropriate treatment, and all products and derivatives of the processing of the carcase or parts of the carcase of such animals
2. Milk and milk derivatives	All milk products, fresh or preserved by appropriate treatment and derivatives from the processing thereof
3. Eggs and egg derivatives	All egg products fresh or preserved by appropriate treatment, and derivatives from the processing thereof
4. Oils and fats	All animal and vegetable oils and fats

Description of the Category	Definition
5. Yeasts	All yeasts, the cells of which have been killed and dried
<b>6.</b> Fish and fish derivatives	Fish or parts of fish, fresh or preserved by appropriatetreatment, and derivatives from the processing thereof
7. Cereals	All types of cereal, regardless of their presentation, or products made from the starchy endosperm
8. Vegetables	All types of vegetables and legumes, fresh or preserved by appropriate treatment
<b>9.</b> Derivatives of vegetable origin	Derivatives resulting from the treatment of vegetable products in particular cereals, vegetables, legumes and oil seeds
10. Vegetable protein extracts	All products of vegetable origin in which the proteins have been concentrated by an adequate process to contain at least 50% protein, as related to the dry matter, and which may be restructured or textured
11. Minerals	All inorganic substances suitable for animal feed
12. Various sugars	All types of sugar
13. Fruit	All types of fruit, fresh or preserved by appropriate treatment
<b>14.</b> Nuts	All kernels from shells
15. Seeds	All types of seeds as such or roughly crushed
16. Algae	Algae, fresh or preserved by appropriate treatment
17. Molluscs and crustaceans	All types of molluscs, crustaceans, shellfish, fresh or preserved by appropriate treatment, and their processing derivatives
18. Insects	All types of insects in any stage of development
19. Bakery products	All bread, cakes, biscuits and pasta products

# PART II CATEGORIES OF INGREDIENTS FOR USE IN RELATION TO COMPOUND FEEDING STUFFS FOR ANIMALS OTHER THAN PETS

Description of the Category	Definition
1. Cereal grains	The whole of the grain from allcereal types
	(includingbuck-wheat) regardless of their

Description of the Category	Definition
	presentation, but from which nofraction other than hulls has been removed
2. Cereal grain products and by-products	Fractional products and by-products of cereal grains otherthan oils included in category 15
	These products and by-products shall contain not more than 25% fibre in the dry matter
3. Oil seeds	The whole of the seed or fruit from all types of oil seeds and oil fruits regardless of their presentation, but from which no fractions other than hulls or shells have been removed
<b>4.</b> Oil seed products and by-products	Fractional products and by-products of oil seeds and oilfruits other than oils and fats included in category 15
	These products and by-products shall contain not more than 25% fibre in the dry matter unless they contain more than 5% oils and fats in the dry matter, or more than 15% protein in the dry matter
<b>5.</b> Products and by-products of legume seeds	Whole and fractional products and by-products of legume seeds other thanleguminous oil seeds included in categories 3 and 4
	The products and by-products shall contain not more than 25% fibre in the dry matter
<b>6.</b> Products and by-products of tubers and roots	Products and by-products derived from tubers and roots other than sugar beetincluded in category 7
	These products and by-products shall contain not more than 25% fibre in the dry matter
7. Products and by-products of sugar production	Products and by-products of sugar beet and sugar cane
	These products and by-products shall contain not more than 25%fibre in the dry matter
- 1	Products and by-products of fruit processing
processing	These products and by-products shall not contain morethan 25% fibre in the dry matter, unless they contain more than 5% oils and fats in the dry matter, or more than 15% protein in the dry matter
9. Dried forages	Aerial parts of forage plants, cut while green, artificially or naturally dried

Description of the Category	Definition
	These products shall contain not more than 25% fibre in the dry matter unless they contain more than 15% protein in the dry matter
10. High Fibre materials	Feed ingredients containing more than 25% fibre in the dry matter, such as straw, hulls and chaff, other than products included in categories 5, 6 and 9
11. Milk products	Products derived from the processing of milk, other thanseparated milk fats included in category 15
12. Land animal products	Products from the processing of warm-blooded land animalwaste as defined in Article 2 of Council Directive 90/667/EEC, excluding fat included in category 15, and which are substantially free of hooves, horn, bristle, unhydrolyzed hair and feathers, as well as mammalian digestive tract content. Also excluding products containing more than 50% ash in the dry matter included in category 14
13. Fish products	Whole or part of fish and other cold blooded marine animals, including products from fish processing other than fish oil and its derivations included in category 15. Also excluding products containing more than 50% ash in the dry matter included incategory 14
14. Minerals	Inorganic or organic materials containing more than 50% ash in the dry matter other than materials containing more than 5% of ash insoluble in hydrochloric acid in the dry matter
15. Oil and fats	Oils and fats from animal and vegetable sources, and their derivatives
<b>16.</b> Products from the bakery and	Waste and surplus materials from the bakery and pasta industries

### PART III

### NON-EXCLUSIVE LIST OF THE PRINCIPAL INGREDIENTS NORMALLY USED IN COMPOUND FEEDING STUFFS FOR ANIMALS OTHER THAN PETS

### 1. CEREAL GRAINS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
1.01	Oats	Grains of Avena sativa L. and
		other cultivars of oats

Number	Name	Description
1.02	Oat flakes	Product obtained by steaming and rolling dehusked oats. It may contain a small proportion of oat husks
1.03	Oat middlings	By-product obtained during the processing of screened, dehusked oats into oat groats and flour. It consists principally of oat bran and some endosperm
1.04	Oat hulls and bran	By-product obtained during the processing of screened oats into oat groats. It consists principally of oat hulls and bran
1.05	Barley	Grains of Hordeum vulgare L.
1.06	Barley middlings	By-product obtained during the processing of screened, dehusked barley into pearl barley, semolina or flour
1.07	Rice, broken	By-product of the preparation of polished or glazed rice <i>Oryza sativa</i> L. It consists principally ofundersized and/or broken grains
1.08	Rice bran (brown)	By-product of the first polishing of dehusked rice. It consists principally of silvery skins, particles of the aleurone layer, endosperm and germ
1.09	Rice bran (white)	By-product of the second polishing of dehusked rice. It consists principally of particles of the aleurone layer, endosperm and germ
1.10	Rice bran with calcium carbonate	By-product of the polishing of dehusked rice. It consists principally of silvery skins, particles of the aleurone layer, endosperm, germ and small amounts of calcium carbonateresulting from use in the manufacturing process
1.11	Fodder meal of pre-cooked rice	By-product of the polishing of dehusked pre-cooked rice. It consists principally of silvery skins, particles of the aleurone

Number	Name	Description
		layer, endosperm, germ and small amounts of calcium carbonate resulting from use in the maunfacturing process
1.12	Rice germ, expeller	By-product of oil manufacture, obtained by pressing of the germ of rice to which parts of the endosperm and testa still adhere
1.13	Rice germ, extracted	By-product of oil manufacture, obtained by extraction of the germ of rice to which parts of the endosperm and testa still adhere
1.14	Rice starch	Technically pure rice starch
1.15	Millet	Grains of <i>Panicummiliaceum</i> L.
1.16	Rye	Grains of Secale cereale L.
1.17	Rye middlings	By-product of flour manufacture, obtained from screened rye. It consists principally of particles of endosperm, with fine fragments of the outer skins and some grain waste
1.18	Rye feed	By-product of flour manufacture, obtained from screened rye. It consists principally of fragments of the outer skins, and of particles of grain from which less of the endospermhas been removed than in rye bran
1.19	Rye bran	By-product of flour manufacture, obtained from screened rye. It consists principally of fragments of the outer skins, and of particles of grain from which most of the endospermhas been removed
1.20	Sorghum	Grains of <i>Sorghum bicolor</i> (L.) Moench s.i.
1.21	Wheat	Grains of <i>Triticum aestivum</i> L., <i>Triticum durum</i> Desf. and other cultivars of wheat

Number	Name	Description
1.22	Wheat middlings	By-product of flour manufacture, obtained from screened grains of wheat or dehusked spelt. It consists principally of particles of endosperm with fine fragments of the outerskins and some grain waste
1.23	Wheat feed	By-product of flour manufacture, obtained from screened grains of wheat or dehusked spelt. It consists principally of fragments of the outer skins and of particles of grain fromwhich less of the endosperm has been removed than in wheat bran
1.24	Wheat bran(22)	By-product of flour manufacture, obtained from screened grains of wheat or dehusked spelt. It consists principally of fragments of the outer skins, and of particles of grain fromwhich the greater part of the endosperm has been removed
1.25	Wheat germ	By-product of flour milling consisting essentially of wheat germ, rolled or otherwise, to which fragments of endosperm and outer skin may still adhere
1.26	Wheat gluten	Dried by-product of the manufacture of wheat starch. It consists principally of gluten obtained during the separation of starch
1.27	Wheat gluten feed	Dried by-product of the manufacture of wheat starch. It is composed of bran and gluten to which components of the steeping liquor, and possibly the germ, from which the oil may have been removed, may be added
1.28	Wheat starch	Technically pure wheat starch

<sup>(22)</sup> When this ingredient has been subjected to a finer milling, the word "fine" may be added to the name of the name may be replaced by a corresponding denomination.

Number	Name	Description
1.29	Spelt	Grains of spelt <i>Triticum spelta</i> L., <i>Triticum dioccum</i> Schrank, <i>Triticum monococcum</i>
1.30	Triticale	Grains of the <i>Triticum X Secale</i> hybrid
1.31	Maize	Grains of Zea mays L.
1.32	Maize middlings	By-product of the manufacture of flour or semolina from maize. It consistsprincipally of fragments of the outer skins and of particles of grain from which less of theendosperm has been removed than in maize bran
1.33	Maize bran	By-product of the manufacture of flour or semolina from maize. It consists principally of outer skins and some maize germ fragments, with some endosperm particles
1.34	Maize germ, expeller	By-product of oil manufacture, obtained by pressing of dry or wet processedmaize germ to which parts of the endosperm and testa may still adhere
1.35	Maize germ, extracted	By-product of oil manufacture, obtained by extraction of dry or wet processedmaize germ to which parts of the endosperm and testa may still adhere
1.36	Maize gluten feed(23)	Dried by-product of the manufacture of maize starch. It is composed of bran and gluten to which components of the steeping liquor, and possibly the germ, from which the oil may have been removed, may be added
1.37	Maize gluten	Dried by-product of the manufacture of maize starch. It consists principally of gluten obtained during the separation of the starch
1.38	Maize starch	Technically pure maize starch

<sup>(23)</sup> This name may be replaced by "corn gluten feed".

Number	Name	Description
1.39	Pre-gelatinized maize starch(24)	Heat treated maize starch, having the property of marked swelling on contact with coldwater
1.40	Malt culms	By-product of malting, consisting mainly of dried rootlets of germinated cereals
1.41	Brewers' dried grains	By-product of brewing obtained by drying residues of malted and unmalted cereals and other starchy products
1.42	Distillers' dried grains	By-product of alcohol distilling obtained by drying solid residues of fermented grain
1.43	Distillers' dark grains(25)	By-product of alcohol distilling obtained by drying solid residues of fermented grain towhich pot ale syrup or evaporated spent wash has been added

## 2. OIL SEEDS, OIL FRUITS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
2.01	Groundnut, partially decorticated, expeller	By-product of oil manufacture, obtained by pressing of partially decorticated groundnuts <i>Arachis hypogaea</i> L. and other species of <i>Arachis</i> . (Maximum fibre content 16% in the dry matter)
2.02	Groundnut, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of partially decorticated groundnuts. (Maximum fibre content 16% in the dry matter.)
2.03	Groundnut, decorticated, expeller	By-product of oil manufacture, obtained by pressing of decorticated groundnuts
2.04	Groundnut, decorticated, extracted	By-product of oil manufacture, obtained by extraction of decorticated groundnuts

<sup>(24)</sup> This name may be replaced by "extruded maize starch".(25) This name may be replaced by "distillers dried grains and solubles".

Number	Name	Description
2.05	Rape seed(26)	Seeds of rape <i>Brassica napus</i> L. ssp. <i>oleifera</i> (Metzg.) Sinsk., of Indian sarson <i>Brassica napus</i> L. var. <i>Glauca</i> (Roxb.) O. E. Schulz and of rape <i>Brassica campestris</i> L. ssp. <i>oleifera</i> (Metzg.) Sinsk. (Minimum botanical purity 94%)
2.06	Rape seed, expeller(26)	By-product of oil manufacture, obtained by pressing of seeds of rape. (Minimum botanical purity 94%)
2.07	Rape seed, extracted(26)	By-product of oil manufacture, obtained by extraction of seeds of rape. (Minimum botanical purity 94%)
2.08	Rape seed hulls	By-products obtained during dehulling of rape seeds
2.09	Safflower seed, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of partially decorticated seeds of safflower <i>Carthamus tinctorius</i> L.
2.10	Copra, expeller	By-product of oil manufacture, obtained by pressing the dried kernel (endosperm) and outer husk (tegument) of the seed of the coconut palm <i>Cocos nucifera</i> L.
2.11	Copra, extracted	By-product of oil manufacture, obtained by extraction of the dried kernel (endosperm) and outer husk (tegument) of the seed of the coconut palm
2.12	Palm kernel, expeller	By-product of oil manufacture, obtained by pressing of palm kernels <i>Elaeis guineensis</i> Jacq., <i>Corozo oleifera</i> (HBK) L. H. Bailey ( <i>Elaeis melanococca auct.</i> ) from which as much as possible

<sup>(26)</sup> When appropriate "low in glucosinolate" may be indicated additionally in the name. "Low in glucosinolate" means as defined in legislation of the European Economic Community.
(26) When appropriate "low in glucosinolate" may be indicated additionally in the name. "Low in glucosinolate" means as defined in legislation of the European Economic Community.
(26) When appropriate "low in glucosinolate" may be indicated additionally in the name. "Low in glucosinolate" means as defined in legislation of the European Economic Community.
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Number	Name	Description
		of the hard shell has been removed
2.13	Palm kernel, extracted	By-product of oil manufacture, obtained by extraction of palm kernels from which as much as possible of the hard shell has been removed
2.14	Soya (bean), toasted	Soya beans <i>Glycine max</i> .  L. Merr. subjected to an appropriate heat treatment
2.15	Soya (bean), extracted, toasted	By-product of oil manufacture, obtained from soya beans after extraction and appropriate heat treatment. (Maximum fibre content 8% in the dry matter.)
2.16	Soya (bean), dehulled, extracted, toasted	By-product of oil manufacture, obtained from dehulled soya beans after extraction and appropriate heat treatment
2.17	Soya (bean) protein concentrate	Product obtained from dehulled, fat extracted soya beans
2.18	Soya (bean) oil	Oil obtained from soya beans
2.19	Soya (bean) hulls	By-product obtained during dehulling of soya beans
2.20	Cotton seed	Seeds of cotton <i>Gossypium</i> spp. from which the fibres have been removed
2.21	Cotton seed, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of seeds of cotton from which the fibres and part of the husks have been removed. (Maximum content fibre 22.5% in the dry matter)
2.22	Cotton seed, expeller	By-product of oil manufacture, obtained by pressing of seeds of cotton from which the fibres have been removed
2.23	Niger seed, expeller	By-product of oil manufacture, obtained by pressing of seeds of the niger plant <i>Guizotia abyssinica</i> (Lf) Cass.
2.24	Sunflower seed	Seeds of the sunflower <i>Helianthus annuus</i> L.

Number	Name	Description
2.25	Sunflower seed, extracted	By-product of oil manufacture, obtained by extraction of seeds of the sunflower
2.26	Sunflower seed, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of seeds of the sunflower from which part of the husks has been removed. (Maximum content fibre 27.5% in the dry matter)
2.27	Linseed	Seeds of linseed <i>Linum</i> usitatissimum L. (Minimum botanical purity 93%)
2.28	Linseed, expeller	By-product of oil manufacture, obtained by pressing of linseed. (Minimum botanical purity 93%)
2.29	Linseed, extracted	By-product of oil manufacture, obtained by extraction of linseed. (Minimum botanical purity 93%)
2.30	Olive pulp	By-product of oil manufacture, obtained by extraction of pressed olives ( <i>Olea europaea</i> L., separated as far as possible from parts of the kernel
2.31	Sesame seed, expeller	By-product of oil manufacture, obtained by pressing of seeds of the sesame plant <i>Sesamum indicum</i> L.
2.32	Cocoa bean, partially decorticated, extracted	By-product of oil manufacture, obtained by extraction of dried and roasted cocoa beans, <i>Theabroma cacao</i> L. from which part of the husks has been removed

## 3. LEGUME SEEDS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
3.01	Chick peas	Seeds of Cicer arietinum L.
3.02	Guar meal, extracted	By-products obtained after extraction of the mucilage from seeds of <i>Cyamopsis tetragonoloba</i> (L.) Taub.
3.03	Ervil	Seeds of Ervum ervilia L.

Number	Name	Description
3.04	Chickling vetch(27)	Seeds of <i>Lathyrus sativus</i> L. submitted to an appropriate heat treatment
3.05	Lentils	Seeds of <i>Lens culinaris a.o.</i> Medik
3.06	Sweet lupins	Seeds of <i>Lupinus</i> spp. low in bitter seed content
3.07	Beans, toasted	Seeds of <i>Phaseolus</i> or <i>Vigna</i> spp. submitted to an appropriate heat treatment to destroy toxic lectins
3.08	Peas	Seeds of Pisum spp.
3.09	Pea middlings	By-products obtained during the manufacture of pea-flour. It consists principally of particles of cotyledon, and to a lesser extent, of skins
3.10	Pea bran	By-product obtained during the manufacture of pea meal. It is composed mainly of skins removed during the skinning and cleaning of peas
3.11	Horse beans	Seeds of <i>Vicia faba</i> L. spp. <i>faba</i> var. <i>equina Pers</i> . and var. <i>minuta (Alef.)</i> Mansf.
3.12	Monantha vetch	Seeds of <i>Vicia monanthos</i> Desf.
3.13	Vetches	Seeds of <i>Vicia sativa</i> L. var. <i>sativa</i> and other varieties

#### 4. TUBERS, ROOTS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
4.01	(Sugar) Beet pulp	By-product of the manufacture of sugar, consisting of extracted and dried pieces of sugar-beet <i>Beta vulgaris</i> L. ssp. <i>vulgaris</i> var. <i>altissima</i> Doell
4.02	(Sugar) Beet molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of beet sugar

<sup>(27)</sup> The name must be qualified by an indication of the nature of the heat treatment.

Number	Name	Description
4.03	(Sugar) Beet pulp, molassed	By-product of the manufacture of sugar comprising dried sugar-beet pulp, to which molasses has been added
4.04	(Sugar) Beet vinasse	By-product obtained after the fermentation of beet molasses in the production of alcohol, yeast, citric acid or other organic substances
4.05	(Beet) Sugar(28)	Sugar extracted from sugar beet
4.06	Sweet potato	Tubers of <i>Ipomoea batatas</i> (L.) Poir, regardless of their presentation
4.07	Manioc	Roots of <i>Manihot esculenta</i> Crantz, regardless of their presentation
4.08	Manioc starch, puffed	Starch obtained from manioc roots, greatly expanded by appropriate heat treatment
4.09	Potato pulp	By-product of the extraction of potato starch <i>Solanum tuberosum</i> L.
4.10	Potato starch	Technically pure potato starch
4.11	Potato protein	Dried by-product of starch manufacture composed mainly of protein substances obtained after the separation of starch

## 5. OTHER SEEDS AND FRUITS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
5.01	Carob pods	Product obtained by crushing the dried fruits (pods) of the carob tree <i>Ceratonia siliqua</i> L., from which the locust beans have been removed
5.02	Citrus pulp	By-product obtained by pressing citrus fruits <i>Citrus</i> spp. during the production of citrus juice
5.03	Apple pomace	By-product obtained by pressing apples <i>Malus</i> spp.

<sup>(28)</sup> This name may be replaced by "sucrose".

Number	Name	Description
		during the production of apple juice
5.04	Tomato pulp	By-product obtained by pressing tomatoes <i>Solanum lycopersicum</i> Karst. during the production of tomato juice
5.05	Grape pulp	By-product of the processing of grapes <i>Vitis vinifera</i> L. after the juice has been pressed out
5.06	Grape pips	By-product of the processing of grapes composed of pips, practically exempt of other components

### 6. FORAGES AND ROUGHAGES

Number	Name	Description
6.01	Lucerne meal(29)	Product obtained by drying and milling young lucerne <i>Medicago sativa</i> L. and <i>Medicago</i> var. <i>Martyn</i> (Minimum botanical purity 80%)
6.02	Lucerne pomace	Dried by-product obtained by pressing juice from lucerne
6.03	Lucerne protein concentrate	Product obtained by artificially drying fractions of lucerne press juice, which has been centrifuged and heat treated to precipitate proteins
6.04	Clover meal(29)	Product obtained by drying and milling young clover <i>Trifolium</i> spp. (Minimum botanical purity 80%)
6.05	Grass meal(29)	Product obtained by drying and milling young forage plants
6.06	Wheat straw	Straw of wheat
6.07	Wheat straw, treated(30)	Product obtained by an appropriate treatment of wheat straw

<sup>(29)</sup> The term "meal" may be replaced by "pellets". The method of drying may be indicated additionally in the name.
(29) The term "meal" may be replaced by "pellets". The method of drying may be indicated additionally in the name.
(29) The term "meal" may be replaced by "pellets". The method of drying may be indicated additionally in the name.
(30) The name must be qualified by reference to the nature of the chemical treatment carried out.

## 7. OTHER PLANTS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
7.01	(Sugar) Cane molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar-cane <i>Saccharum officinarum</i> L.
7.02	(Sugar) Cane vinasse	By-product obtained after the fermentation of cane molasses in the production of alcohols, yeast, citric acid or other organic substances
7.03	(Cane) Sugar(31)	Sugar extracted from sugar- cane
7.04	Seaweed meal	Product obtained by drying and crushing seaweed, in particular brown seaweed. This product may have been washed to reduce the iodine content

## 8. MILK PRODUCTS

Number	Name	Description
8.01	Skimmed-milk powder	Product obtained by drying milk from which most of the fat has been separated
8.02	Buttermilk powder	Product obtained by drying the liquid which remains after butter churning
8.03	Whey powder	Product obtained by drying the liquid which remains after cheese, quark, casein making or similar processes
8.04	Whey powder, low in sugar	Product obtained by drying whey from which the lactose has been partly removed
8.05	Whey protein powder(32)	Product obtained by drying the protein compounds extracted from whey or milk by chemical or physical treatment
8.06	Casein powder	Product obtained from skimmed or buttermilk by

<sup>(31)</sup> This name may be replaced by "sucrose".(32) This name may be replaced by "milk albumin powder".

Number	Name	Description
		drying casein precipitated by means of acids or rennet
8.07	Lactose powder	The sugar separated from milk or whey by purification and drying

#### 9. LAND ANIMAL PRODUCTS

Number	Name	Description
9.01	Meat meal(33)	Product obtained by heating, drying and grinding whole or parts of warm-blooded land animals from which the fat may have been partially extracted or physically removed. The product must be substantially free of hooves, horn, bristle, hair and feathers, as well as digestive tract content. (Minimum protein content 50% on a dry matter basis)
9.02	Meat and bone meal(33)	Product obtained by heating, drying and grinding whole or parts of warm-blooded land animals from which the fat may have been partially extracted or physically removed. The product must be substantially free of hooves, horn, bristle, hair and feathers, as well as digestive tract content
9.03	Bone meal	Product obtained by drying, heating and finely grinding bones of warm-blooded land animals from which the fat has been largely extracted or physically removed. The product must be substantially free of hooves, horn, bristle, hair and feathers, as well as digestive tract content
9.04	Greaves	Residual product of the manufacture of tallow and

<sup>(33)</sup> Products containing more than 13% fat in the dry matter must be named as "rich in fat".(33) Products containing more than 13% fat in the dry matter must be named as "rich in fat".

Number	Name	Description
		other extracted or physically removed fats of animal origin
9.05	Poultry offal meal(33)	Product obtained by drying and grinding waste from slaughtered poultry. The product must be substantially free of feathers
9.06	Feather meal, hydrolysed	Product obtained by hydrolysing, drying and grinding poultry feathers
9.07	Blood meal	Product obtained by drying the blood of slaughtered warm- blooded animals. The product must be substantially free of foreign matter
9.08	Animal fat	Product composed of fat from warm-blooded land animals

## 10. FISH, OTHER MARINE ANIMALS, THEIR PRODUCTS AND BY-PRODUCTS

Number	Name	Description
10.01	Fish meal( <b>34</b> )	Product obtained by processing whole or parts of fish from which part of the oil may have been removed and to which fish solubles may have been re-added
10.02	Fish solubles, condensed	Stabilized product composed of press juice obtained during manufacture of fish meal from which much of the fish oil and some of the water has been removed
10.03	Fish oil	Oil obtained from fish
10.04	Fish oil, refined, hardened	Oil obtained from fish which has been refined and subjected to hydrogenation

<sup>(33)</sup> Products containing more than 13% fat in the dry matter must be named as "rich in fat".(34) Products containing more than 75% protein in the dry matter may be named as "rich in protein".

#### 11. MINERALS

ined by grinding alcium carbonate, stone, oyster ells, or by from acid ure of calcium d magnesium
d magnesium
11
atural origin n calcareous d or granulated
oure magnesium
nesium sulphate O)
calcium en phosphate fror rganic sources I <sub>2</sub> O)
ined chemically ed of equal parts phosphate and m phosphate
ined by grinding appropriately d natural
d, sterilized and s from which the removed
oure calcium- enphosphate) 4).xH <sub>2</sub> O)
oure calcium ohosphate
oure mono- phosphate

<sup>(35)</sup> The nature of the source may replace or be indicated additionally in the name.(36) The manufacturing process may be included in the name.

Number	Name	Description
11.13	Sodium chloride(37)	Technically pure sodium chloride or product obtained by grinding natural sources of sodium chloride, such as (rock) and (marine) salt

#### 12. MISCELLANEOUS

Number	Name	Description
12.01	Bakery waste	By-product obtained from the manufacture of biscuits, cake or bread
12.02	Confectionery waste	By-product obtained from the manufacture of chocolate, sweets and other confectionery
12.03	Fatty acids	By-product obtained during the deacidification, by means of lye or by distillation of oils and fats of unspecified vegetable or animal origin
12.04	Salts of fatty acids(38)	Product obtained by saponification of fatty acids with calcium, sodium or potassium-hydroxide

# PART IV PRINCIPAL PROCESSES USED FOR PREPARATION OF THE INGREDIENTS LISTED IN PART III OF THIS SCHEDULE

Process	Description	Common Name/Term	
Concentration	Increase in certain contents by removing water or other constituents	Concentrate	
Decortication(39)	Removal of outer layers from grains, seeds, fruits, nuts and others	Decorticated	
Drying	Dehydration by artificial or natural processes in order to preserve the product	Dried (sun or artificially)	

<sup>(37)</sup> The nature of the source of the sodium may replace or be indicated additionally in the name.

<sup>(38)</sup> The name may be supplemented by an indication of the type of salt.(39) "Decortication" may be replaced by "dehulling" or "dehusking" if appropriate. Therefore the common name/term should be "dehulled" or "dehusked".

Process	Description	Common Name/Term
Extraction	Removal either by organic solvent of fat or oil from certain materials or by aqueous solvent of sugar or other water soluble components. In the case of the use of organic solvent, the resulting product must be technically free of such solvent	Extracted (in case of oil-containing materials)  Molasses, pulp (in case of products containing sugar or other water soluble components)
Extrusion	Pressing, pushing or protrusion of material through orifices under pressure. See also Pregelatinization	Extruded
Flaking	Rolling of moist heat-treated material	Flakes
Flour milling	Physical processing of grain to reduce particle size and facilitate separation into constituent fractions (principally flour, bran and middlings)	Flour, bran, middlings
Heat treatment/heating	General term covering a number of heat treatments carried out under specific conditions to influence the nutritional value or the structure of the material	Toasted, cooked, puffed, heat-treated
Hydrogenation	Treatment of oils and fats to achieve a higher melting point	Hardened
Hydrolysis	Breakdown into simpler chemical constituents by appropriate treatment with water and possibly either enzymes or acid/alkali	Hydrolysed
Pressing	Removal by mechanical pressure (either by a screw or other type of press) and possibly some heat, of fat/oil from oil-rich materials, or of juice from fruits or other vegetable products	Expeller(40) in case of oil-containing material(s)  Pulp, pomace (in case of fruits, etc.)
Pelleting	Compaction into a moulded form of presentation	Pellet

<sup>(40)</sup> When appropriate, the word "expeller" may be replaced by "cake".

Process	Description	Common Name/Term
Pregelatinization	Modification of starch to improve markedly its swelling properties in cold water	Pregelatinized
Refining	Removal of impurities in sugars, oils and other natural materials by chemical/physical treatment	Refined
Wet-milling	Mechanical separation of the component parts of kernel/ grain after steeping in water, possibly with sulphur dioxide, for the extraction of starch.	Germ, gluten, starch

#### SCHEDULE 7

Regulation 16 and Schedule 1, paragraph

## CONTROL OF CERTAIN PROTEIN SOURCES

Column 1	Column 2	Column 3	Column 4	Column	Column 6	Column
				5(41)		7(41)
Name of	Permitted	Designation	Culture	Composition	Animal	Name of
product	products	of nutritive	substrate	characteristi	c <b>s</b> pecies	product
group		principle	(specificatio	nsof product		and
		or identity	if any)			specified
		of micro-				particulars
		organisms				

#### 1. Proteins obtained from the following groups of microorganisms

#### 1.1. Bacteria

cultivated	product of <i>methylotrophus</i> fermentation NCIB strain obtained by 10.515 culture of <i>Methylophilus methylotrophus</i> on methanol	Pigs, calves, poultry and fish	to be made on the label or packaging of the product: — name of the
			product;

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specificatio if any)	Composition characterist onsof product		Name of product and specified particulars
						<ul> <li>protein;</li> <li>ash</li> <li>fat;</li> <li>moisture content;</li> <li>instruction for use;</li> <li>avoid inhalation of dust</li> </ul>
						Declarations to be made on the label or packaging of compound feeding stuffs:  — amount of the product contained in the feeding stuff
1.2.1. Yeasts 1.2.1. Yea cultivated on substrates of animal or vegetable origin	sts— Yeasts obtained from the microorganis and substratisted in	Saccharomyc dcerevisiae  Saccharomyc carlsbergiensisms  Kluyveromyc tdactics  Kluyveromyc	distillery residues, esereals and isproducts containing estarch, fruit juice, whey, lactic acid,		All animal species	

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specification if any)	Composition characterist		Name of product and specified particulars
	cells of which have been killed }	g				
1.2.2. Yea cultivated on substrates other than those given in 1.2.1.						
1.3. Algae 1.4. Lowe fungi						
1.4.1. Profrom production of antibiotics by fermentation	product from the production of penicillin,	compound  Penicillium chrysogenum	sources of carbohydrates and their	Nitrogen expressed sas protein: min. 7%	Ruminants pigs	Declaration to be made on the label or packaging of the product:  — the name:  "Mycelium silage from the production of penicillin' — Nitrogen expressed as protein; — ash; — moisture; — animal

species

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column

Column 6

Column 4

Column

Column 1

Column 2

Column 3

Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specification if any)	5(41) Composition characteristics sof product		7(41) Name of product and specified particulars
						or category
						Declaration to be made on the label or packaging of the compound feeding stuff: in the name: "mycellium silage from the production of penicillin".
2. Non- protein nitrogenous compounds						
<b>2.1.</b> Urea and its derivatives	<b>2.1.1.</b> Ure technically pure	eaÇO(NH <sub>2</sub> ) <sub>2</sub>		Urea: min. 97% }	Ruminants from the beginning	Declarations to be made on the
	<b>2.1.2.</b> Biur(CONH <sub>2</sub> ) <sub>2</sub> -NI technically pure			Biuret: min. 97% }	of rumination }	label or packaging of the product:
	<b>2.1.3.</b> Ure phosphate, technically pure	eaCO(NH <sub>2</sub> ) <sub>2</sub> ·H <sub>3</sub>		Nitrogen: min. 16.5% }		— the name "Urea"
	puic			Phosphorus: min. 18% }		"Biuret", "Urea-
	<b>2.1.4.</b> Diu technically pure	m <b>cadoj) ob(adh)</b> (NHCONH <sub>2</sub> ) <sub>2</sub>	_	Nitrogen: min. 30% }		phosphate" or "Diureidoisobutane",
	L			Isobutyraldel min. 35% }	ıyde:	as the case may be;

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
	Permitted products	Designation of nutritive principle or identity of micro-organisms	Culture substrate (specificatio if any)	Composition characteristionsof product		Name of product and specified particulars
		organisms				mitrogen level; and in addition for product 2.1.3., phosphorus level;
						Declarations to be made on the label or packaging of compound feeding stuffs: — the name: "Urea",
						"Biuret", "Ureaphosphate" or "Diureidoisobuta as the case may be; — amount of the product contained in the feeding stuff; — percentage
						of the total protein provided

by

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )	
Name of product group	Permitted Designate products of nutritive principle or identity of microorganism.					Name of product and specified particulars	
						non- protein nitrogen; — indication, in the instructions for use, of the level of total non- protein nitrogen which should not be exceeded in the daily ration of each animal species or category	
2.2. Amr	moni <b>2n2.1.</b> Am lactate, produced by fermentation with Lactobacillus bulgaricus		-	expressed as protein: min. 44%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name: "Ammonium lactate from fermentation — nitrogen expressed	

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Name of product	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
	Permitted	Designation	Culture	Composition	Animal	Name of
produci	products	of nutritive	substrate	characteristic		product
group	products	principle	(specification		empeeres	and
group		or identity	if any)	sy) produci		specified
		of micro-	ij uny)			particulars
		organisms				particulars
		organisms				as
						protein;
						— ash;
						— moisture;
						— animal
						species
						or
						category
						Declarations
						to be made
						on the
						label or
						packaging
						of
						compound
						feeding
						stuffs:
						— the
						name:
						"Ammoniur
						lactate
						from
						fermentation
						— amount
						of
						product
						contained
						contained in the
						contained in the feeding
						contained in the feeding stuff;
						contained in the feeding stuff; — percentage
						contained in the feeding stuff; — percentage of the
						contained in the feeding stuff; — percentage of the total
						contained in the feeding stuff; — percentage of the total protein
						contained in the feeding stuff; — percentage of the total protein provided
						contained in the feeding stuff; — percentage of the total protein provided by
						contained in the feeding stuff; — percentage of the total protein provided by non-
						contained in the feeding stuff; — percentage of the total protein provided by non- protein
						contained in the feeding stuff; — percentage of the total protein provided by non- protein nitrogen;
						contained in the feeding stuff; — percentage of the total protein provided by non- protein

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

instructions

to be made

Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	substrate	Composition characterist onsof product		Name of product and specified particulars
	2.2.2. An acetate in aqueous solution	nr <b>Görhjürð</b> ONH <sub>2</sub>	4—	Ammonium acetate: min. 55%	Ruminants from the start of rumination	for use     of the     level     of     total     non-     protein     nitrogen     which     should     not be     exceeded     in the     daily     ration     of     each     animal     species     or     category  Declarations to be made on the label or packaging of the product:     — the     words     "Ammonin     acetate";     — nitrogen     content;     — animal     species     or     category
						Declarations

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specification if any)	Composition characteristic		Name of product and specified particulars
						on the label or packaging of compound feeding stuffs:  — the words "Ammonium acetate"; — the amount of the product contained in the feeding stuff; — percentage of the total protein provided by non-protein nitrogen; — indication in the instructions for use of the level of total non-protein nitrogen which should not be exceeded

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

0.5%;

Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specification if any)	Composition characteristic sof product		Name of product and specified particulars
						in the daily ration for each animal species or category.
	2.2.3. An sulphate in aqueous solution	nr(1131H4)) <u>1</u> SO4		sulphate: min. 35%	Ruminants, from the start of rumination	Declarations to be made on the label or packaging of the product:  — the words "Ammoniu sulphate"; — nitrogen and moisture contents; — animal species; — in the case of young ruminants, the incorporati rate in the daily ration may not exceed

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column	Column 6	Column
Cordinii 1	Column 2	Cordinii	Column	5(41)	Column	7(41)
Name of	Permitted	Designation	Culture	Composition	Animal	Name of
product	products	of nutritive	substrate	characteristic	c <b>s</b> pecies	product
group		principle	(specification	sof product		and
		or identity	if any)			specified
		of micro- organisms				particulars
		. 8				Declarations
						to be made
						on the
						label or
						packaging of the
						compound
						feeding
						stuffs:
						— the
						words
						"Ammonium
						sulphate";
						— the
						amount
						of the
						product contained
						in the
						feeding
						stuff;
						— percentage
						of the
						total
						protein
						provided
						by
						non-
						protein
						nitrogen; — indication
						in the
						instructions
						for use
						of the
						level
						of
						total
						non-
						protein
						nitrogen
						which should
						Siloulu

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.
(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.
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Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )	
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture Composition Animal substrate characteristics pecies (specifications of product if any)			Name of product and specified particulars	
						not be exceeded in the daily ration of each animal species; — in the case of young ruminants, the incorporation rate in the daily ration may not exceed 0.5%.	
production of amino	liquid by- products from the production of L-		Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as protein: min. 48% Moisture: max. 28%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name "by products from	
	liquid by- products from the production of L-lysine	eAntratedum salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as protein: min. 45%	Ruminants from the beginning of rumination	the production of L-glutamic acid"in the case	

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

			~ 1		<u> </u>	
Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specificatio if any)	Composition characteristi nsof product	Name of product and specified particulars	
	monohydro- chloride by fermentation with Brevibacteriu lactofermenta					of product 2.3.1.; "by- products from the production of L- Lysine" in the case of product 2.3.2;
						nitrogen, expressed as — protein; — ash; — moisture; — animal species or category
						Declarations to be made on the label or packaging of compound feeding stuffs:  — percentage of the total protein provided by non-

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.
(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.
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Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )	
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specificatio if any)	Compositior characterist nsof product		Name of product and specified particulars	
3. Amino					All animal	protein nitrogen; — indication, in the instructions for use, of the level of total non- protein nitrogen which should not be exceeded in the dairy ration of each animal species or category	
acids and their salts					species		
3.1 Methi	methionine, technically pure  3.1.2. Dih calcium salt	COOH  ydihitesi(CH <sub>2</sub> ) <sub>2</sub> - CH(NH-		DL-methionine: min. 98%  DL-methionine: min. 67%	} Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the	
	hydroxymeth DL- methionine, technically pure	CH <sub>2</sub> OH)- 处OO] <sub>2</sub> Ca·2H <sub>2</sub>	O.	Formaldehyd max. 14%	le:	product: } —the name: "DL- methionine",	

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.
(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specification if any)	Composition characteristi		Name of product and specified particulars
	3.1.3. Me zinc, technically pure	et <b>hGHigS(</b> CH <sub>2</sub> ) <sub>2</sub> CH(NH <sub>2</sub> )- COO] <sub>2</sub> Zn		Calcium: min. 9%  DL-met hionine: min. 80%  Zn: max. 18.5%		in the case of product 3.1.1. "Dihydrated calcium salt of N-hydroxymethyl-DL-methionine"in the case of product 3.1.2., "Zinc-methionine", in the case of product 3.1.3;
						} —DL- methionine and moisture content;
						} —animal species or category in the case of products 3.1.2, and 3.1.3.
	<b>3.1.4.</b> Co liquid sodium DL-methionine technically pure	n <b>(CHI38(C</b> H <sub>2</sub> ) <sub>2</sub> CH (NH <sub>2</sub> )- COO)Na		DL-methionine: min. 40%  Sodium: min 6.2%	All animal species	Declarations to be made on the label or packaging of the product: — the name: "concentra liquid

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Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )	
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specificatio if any)	Composition characteristi		Name of product and specified particulars	
						sodium DL- methionine"; — DL- methionine content; — moisture content	
	3.1.5. DL methionine, technically pure protected with copolymer vinylpyridine styrene	-CH <sub>3</sub> S(CH <sub>2</sub> ) <sub>2</sub> -CH(NH <sub>2</sub> )-COOH		DL-methionine: minimum 65% copolymer vinylpyridine styrene: maximum 3%	Dairy cows	Declarations to be made on the label or packaging of the product:  — "Protected methionine with copolymer vinylpyridine/ styrene";  — DL- methionine and moisture contents; — animal species	
<b>3.2.</b> Lysin	ne <b>3.2.1.</b> L- Lysine, technically pure	NH <sub>2</sub> - (CH <sub>2</sub> ) <sub>4</sub> - CH(NH <sub>2</sub> )- COOH	_	L-Lysine: min. 98%	} All animal species	Declarations to be made on the label or	
	3.2.2. Cooliquid L- Lysine (base)	n <b>dehi</b> trated (CH <sub>2</sub> ) <sub>4</sub> - CH(NH <sub>2</sub> )- COOH	Saccharose, molasses, starch products and their hydrolysates	L-Lysine: min. 60%		packaging of the product: } —the name "L-	
	<b>3.2.3.</b> L-Lysine-monohydro-	NH <sub>2</sub> - (CH <sub>2</sub> ) <sub>4</sub> -	_	L-Ly sine: min. 78%		Lysine"in the case of product	

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Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specificatio if any)	Composition characteristi		Name of product and specified particulars
	chloride, technically pure  3.2.4. Cor liquid L-	CH(NH <sub>2</sub> )- COOH.HCl	Saccharose, molasses,	L-Lysine: min. 22.4%		3.2.1, "Concentrated liquid L-Lysine base"in
	Lysine- monohydroc	CH(NH <sub>2</sub> )- leogh.HCl	starch products and their hydrolysates			the case of product 3.2.2, "L- Lysine monohydrochloride"
	3.2.5. L-Lysine sulphate produced by fermentation with Corynebacter glutamicum	H <sub>2</sub> SO <sub>4</sub>	Sugar syrup, molasses, cereals, starch products and their hydrolysates	min. 40%		in the case of product 3.2.3, "Concentrated liquid L- Lysine monohydrochloride"in the case of product 3.2.4, "L- Lysine sulphate and its by- products from fermentation" in the case of product 3.2.5; L- Lysine and moisture content
	3.2.6. L-Lysine phosphate and its byproducts produced by fermentation with Brevibacterial lactofermente	um	Sucrose ammonia and fish solubles	L-Lysine: min. 35% Phosphorus: min. 4.3%	Poultry Pigs	Declarations to be made on the label or packaging of the product: — the name "L-

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Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specification if any)	Composition characteristic nsof product		Name of product and specified particulars
	NRRLB— 11470					phosphate and its by- products from fermentation"  — L- Lysine and moisture content
	of:  (a) I  I  r  h  t	MixINHES- (CH <sub>2</sub> ) <sub>4</sub> - (CH <sub>2</sub> ) <sub>4</sub> - (CH(NH <sub>2</sub> )- (Cysin OH-HCl mon OH <sub>3</sub> S(CH <sub>2</sub> ) <sub>2</sub> - mydr OH(NHd)- ech OOH oure and,		L-Lysine +DL- methionine: minimum 50% (including DL- methionine: minimum 15%)	Dairy cows	Declarations to be made on the label or packaging of the product: — the name "mixture
	t F F V C V	oL- methionine echnically oure orotected with copolymer vinyl- oyridine/ styrene		Copolymer vinyl-pyridine/styrene: maximum 3%		of L- Lysine monohydrochloride and DL- methionine protected with copolymer vinyl- pyridine/ styrene"; — L- Lysine, DL- methionine and moisture contents; — animal species

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1  Name of product group	Column 2  Permitted products	Column 3  Designation of nutritive principle or identity of microorganisms	Column 4  Culture substrate (specificatio if any)	Column 5(41) Composition characteristi nsof product		Column 7(41) Name of product and specified particulars
<b>3.3.</b> Thre	onin <b>3.3.1.</b> L-Threonine, technically pure	CH <sub>3</sub> - CH(OH)- CH(NH <sub>2</sub> )- COOH		L-Thr eonine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name "L- Threonine" — L- Threonine and moisture content
<b>3.4.</b> Tryp	toph <b>3r4.1.</b> L-Tryptophan, technically pure	(C <sub>8</sub> H <sub>5</sub> NH)- CH <sub>2</sub> - CH(NH <sub>2</sub> )- COOH		L- Tryptophan: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name: "L- Tryptophan"; — L- Tryptophan and moisture content
	<b>3.4.2.</b> DL Tryptophan, technically pure	C-(C <sub>8</sub> H <sub>5</sub> NH)- CH <sub>2</sub> - CH(NH <sub>2</sub> )- COOH	_	DL-Tryp tophan: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name:

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

Column 1	Column 2	Column 3	Column 4	Column 5( <b>41</b> )	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of microorganisms	Culture substrate (specificatio if any)	Composition characterism cnsof product		Name of product and specified particulars
4. Analog		J				"DL- Tryptophan"; — DL- Tryptophan and moisture content
acids						
<b>4.1.</b> Anal of methionine	logue <b>k.1.1.</b> Hyd analogue of methionine	rdfoldyS(CH <sub>2</sub> ) <sub>2</sub> - CH(OH)- COOH	_	Total of acids:	<pre>} All animal  species</pre>	} Declarations to be made
memonine				minimum 85%		on the label or
				Monomer acid:		packaging of the product:
				minimum 65%		} —if appropriate,
		$(CH_2)_2$ -	_	Monomer acid:		the name (column 2);
	hydroxy analogue of methionine	CH(OH)- COO] <sub>2</sub> Ca		minimum 83%		} — monomer acid and
				Calcium:		total acids contents
				minimum 12%		in the case of product 4.1.1 and monomer acid content in the case of production 4.1.2;
						} — moisture content;

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Column 1	Column 2	Column 3	Column 4	Column 5(41)	Column 6	Column 7( <b>41</b> )
Name of product group	Permitted products	Designation of nutritive principle or identity of micro-organisms	Culture substrate (specificatio if any)	Composition characteristi		Name of product and specified particulars
						} —animal species
						Declarations to be made on the label or packaging of compound feeding stuffs:
						} —if appropriate, the name (column 2);
						monomer acid and total acids contents in the case of product 4.1.1 and monomer acid content in the case of product 4.1.2;
						} —amount of the product contained in the feeding stuff

<sup>(41)</sup> The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.(41) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

#### **SCHEDULE 8**

Regulations 5 and 9

## LABELLING AND MARKING OF ADDITIVES AND PREMIXTURES

## PART I

#### **ADDITIVES**

- 1. The label or mark shall give—
  - (a) in the case of an additive referred to in paragraph 6(1) of, or in the Table to, Schedule 4 (other than an enzyme);
    - (i) the name of the additive;
    - (ii) the name or business name and the address or registered business address of the person responsible within the European Community for the particulars referred to in this Part of this Schedule;
    - (iii) the net weight of any non-liquid additive; and
    - (iv) either the net weight or the net volume of any liquid additive;
  - (b) in the case of vitamin E,
    - (i) the alpha-tocopherol level as acetate; and
    - (ii) an indication of the period during which that level will remain present;
  - (c) in the case of any vitamin other than vitamin E, or any added provitamin or substance having a similar effect,
    - (i) the active substance level; and
    - (ii) an indication of the period during which that level will remain present;
  - (d) in the case of any trace element, colourant (including pigment), preservative or other additive referred to in the Table to Schedule 4 but not specified above (other than an enzyme), the active substance level;
  - (e) in the case of any enzyme (whether or not contained in a preparation where the enzyme is not of a type referred to in Part X of the Table to Schedule 4):
    - (i) the names of the active constituents according to their enzymatic activities (in the case of an enzyme of a type referred to in Part X of the Table to Schedule 4, as specified in column 3 of that Part);
    - (ii) the identification number allotted by the International Union of Biochemistry;
    - (iii) the name or business name and the address or registered business address of the person responsible for the particulars referred to in this sub-paragraph;
    - (iv) the name or business name and the address or registered business address of the manufacturer if he is not responsible for the particulars in the label or mark;
    - (v) the activity units(42) (expressed as activity units per gram or activity units per millilitre);
    - (vi) an indication of the period during which the activity units will remain present;
    - (vii) the batch reference number and the date of manufacture;

<sup>(42)</sup> Units of activity expressed as µmole of product released per minute per gram of enzymatic preparation.

- (viii) directions for use, including any safety recommendation (in the case of an enzyme of a type referred to in Part X of the Table to Schedule 4, as specified in column 3 of that Part);
  - (ix) the net weight for any non-liquid additive;
  - (x) either the net weight or the net volume of any liquid additive; and
  - (xi) in the case of an enzyme of a type referred to in Part X of the Table to Schedule 4, an indication of any significant characteristics of the enzyme arising during manufacture, specified in column 8 of that Part;
- (f) in the case of any micro-organism (whether or not contained in a preparation);
  - (i) the identification of the strain(s) according to a recognised international code of nomenclature;
  - (ii) the deposit number of the strain(s);
  - (iii) the number of colony-forming units (expressed as CFU/g);
  - (iv) the name or business name and address or registered business address of the person responsible for the particulars referred to in this sub-paragraph;
  - (v) the name or business name and address or registered business address of the manufacturer if he is not responsible for the particulars in the label or mark;
  - (vii) the batch reference number and the date of manufacture;
  - (viii) directions for use, including any safety recommendation;
  - (ix) the net weight of any non-liquid additive;
  - (x) either the net weight or the net volume of any liquid additive; and
  - (xi) an indication of any significant characteristics of the micro-organism arising during manufacture.
- 2. The label or mark may give, in addition to the name used in relation to any additive referred to in paragraph 6(1) of, or in the Table to, Schedule 4—
  - (a) the trade name of the additive and its EEC number;
  - (b) the name or business name and the address or registered business address of the manufacturer;
  - (c) directions for use, including any appropriate safety recommendation;
  - (d) any other information, provided that it is clearly separated from the particulars referred to in paragraph 1(a)–(d) above and in the foregoing provisions of this paragraph, and from the relevant particulars referred to in paragraph 1(e) above.
- **3.** In the case of any enzyme (other than of a type referred to in Part X of the Table to Schedule 4) or micro-organism, whether or not the enzyme or micro-organism is contained in a preparation, the label or mark may give any other information, provided that it is clearly separated from the relevant particulars referred to in paragraph 1(e) and (f) above.

## PART II

#### **PREMIXTURES**

- 1. The label or mark shall give—
  - (a) in the case of any premixture,
    - (i) the description "premixture";

- (ii) directions for use, including any appropriate safety recommendation;
- (iii) the species or category of animal for which the premixture is intended;
- (iv) the name or business name and the address or registered business address of the person responsible within the European Community for the particulars referred to in this Part of this Schedule;
- (v) the net weight of any non-liquid premixture; and
- (vi) either the net weight or the net volume of any liquid premixture;
- (b) in the case of any antioxidant, colourant (including pigment), trace element or preservative in a premixture, for which a maximum content in a complete feeding stuff is provided for by the appropriate Part of the Table to Schedule 4,
  - (i) the name of the additive; and
  - (ii) the active substance level;
- (c) in the case of vitamin E in a premixture,
  - (i) the name of the additive;
  - (ii) the alpha-tocopherol level as acetate; and
  - (iii) an indication of the period during which that level will remain present;
- (d) in the case of any vitamin other than vitamin E, or any provitamin or substance having a similar effect in a premixture,
  - (i) the name of the additive;
  - (ii) the active substance level; and
  - (iii) an indication of the period during which that level will remain present;
- (e) in the case of any enzyme in a premixture:
  - (i) the names of the active constituents according to their enzymatic activities (in the case of an enzyme of a type referred to in Part X of the Table to Schedule 4, as specified in column 3 of that Part);
  - (ii) the identification number allotted by the International Union of Biochemistry;
  - (iii) the activity units (expressed as activity units per gram or activity units per millilitre);
  - (iv) an indication of the period during which the activity units will remain present;
  - (v) the name or business name and address or registered business address of the manufacturer if he is not responsible for the particulars referred to in the label or mark; and
- (f) in the case of any micro-organism in a premixture:
  - (i) the identification of the strain(s) according to a recognised international code of nomenclature;
  - (ii) the deposit number of the strain(s);
  - (iii) the number of colony-forming units (expressed as CFU/g);
  - (iv) an indication of the period during which the colony-forming units will remain present;
  - (v) the name or business name and address or registered business address of the manufacturer if he is not responsible for the particulars referred to in the label or mark; and
  - (vi) an indication of any significant characteristics of the micro-organism arising during manufacture;

- (g) in the case of any additive in a premixture—
  - (i) which is an additive of a type referred to in Schedule 4 (other than any additive of a type referred to in sub-paragraphs (b)–(e) above) or an additive of a type referred to in that Schedule and in those subparagraphs in respect of which no maximum levelis laid down;
  - (ii) which fulfills a function in the feeding stuff as such, and
  - (iii) in respect of which the amount which is present in the premixture can be determined by using one of the methods of analysis specified in Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations 1982(43), or by some other valid scientific method—
    - (A) the name of the additive, and
    - (B) the active substance level.
- **2.** In relation to any additive referred to in paragraph 6(1) of, or in the Table to, Schedule 4, the label or mark may give—
  - (a) the trade name of the additive; or
  - (b) its EEC number; or
  - (c) both such trade name and the EEC number; and
  - (d) any other information, provided that it is clearly separated from the particulars referred to in paragraph 1(a)–(d) above and in the foregoing provisions of this paragraph, and from the relevant particulars referred to in paragraph 1(e) above.
- **3.** In relation to any enzyme (other than of a type referred to in Part X of the Table to Schedule 4) or micro-organism, in a premixture, the label or mark may give any otherinformation, provided that it is clearly separated from the relevant particulars referred to inparagraphs 1(a), (e) and (f) above.
- **4.** In the case of a premixture containing more than one vitamin (other than vitamin E), provitamin or substance having a similar effect, the requirement for the indication of the period for which the active substance level will remain present shall apply only to that one of those additives which has the shortest such period.

### SCHEDULE 9

Schedule 1, paragraphs 9 and 18(1)(e)

#### METHOD OF CALCULATING THE ENERGY VALUE OF COMPOUND FEEDS

The energy value of compound poultry, ruminant and pig feeds and feeding stuffs intended for particular nutritional purposes for cats and dogs shall be calculated inaccordance with the formulae set out below on the basis of the percentages of certain analytical components of the feed or food. After application of these formulae, the results shall be given to one decimal place.

*Poultry feeds:* megajoules (MJ) of metabolisable energy (ME), nitrogen corrected, per kilogramof compound feed.

MJ of ME/kg of feed =  $0.1551 \times \%$  protein(44) +  $0.3431 \times \%$ oil(45) +  $0.1669 \times \%$  starch(46) +  $0.1301 \times \%$  total sugar (expressed as sucrose)(47).

<sup>(43)</sup> S.I. 1982/1144, amended by S.I. 1984/52, 1985/1119 and 1994/1610.

<sup>(44)</sup> Determined by method 4 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982 (SI 1982/1144, amended by SI 1984/52, 1985/1119 and 1994/1610. The relevant amending Statutory Instrument is SI 1994/1610).

NB for pig feed the results must be corrected to 100% dry matter.

<sup>(45)</sup> Determined by Procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1985/1119).

Ruminant feeds: megajoules (MJ) of metabolisable energy (ME) per kilogram of dry matter in the compound feed.

MJ of ME/kg of dry matter =  $0.14 \times \%$  Neutral detergent Cellulase plus Gamanase Digestibility(48) +  $0.25 \times \%$  oil(45).

Pig feeds: megajoules (MJ) of digestible energy (DE) per kilogram of dry matter in the compoundfeed.

MJ of DE/kg of dry matter =  $17.47 + 0.079 \times \%$  protein(44) +  $0.158 \times \%$  oil(45) -  $0.331 \times \%$  ash(49) - 0.140 Neutral Detergent plus Amylase Fibre(48).

Feeding stuffs intended for particular nutritional purposes for cats and dogs: megajoules (MJ) of metabolisable energy (ME) per kilogram of compound dog or cat food.

(a) cat and dog foods with the exception of cat foods having a moisture content exceeding 14%.

MJ of ME/kg of food =  $0.1464 \times \text{protein}(44) + 0.3556 \times \%$  oils and fats(45) +  $0.1464 \times \%$  nitrogen-free extract;

(b) cat foods having a moisture content exceeding 14%:

MJ of ME/kg of cat food =  $(0.1632 \times \% \text{ protein} + 0.3222 \times \% \text{ oils and fats}(45) + 0.1255 \times \% \text{ nitrogen-free extract}) - 0.2092;$ 

**NB** It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed or food. In ruminant and pig feeds the result must be corrected to 100% dry matter.

**NB** It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed or food. In ruminant and pig feeds the result must be corrected to 100% dry matter.

(44) Determined by method 4 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982 (SI 1982/1144, amended by SI 1984/52, 1985/1119 and 1994/1610. The relevant amending Statutory Instrument is SI 1994/1610).

**NB** for pig feed the results must be corrected to 100% dry matter.

(45) Determined by Procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1985/1119).

 ${f NB}$  It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed or food. In ruminant and pig feeds the result must be corrected to 100% dry matter.

(49) Determined by method 12 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982.

**NB** The result must be corrected to 100% dry matter.

- (48) Determined by the method detailed in "The Prediction of Energy Values of Compound Feeding Stuffs for Farm Animals" (published by the Ministry of Agriculture, Fisheries and Food).
- (44) Determined by method 4 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982 (SI 1982/1144, amended by SI 1984/52, 1985/1119 and 1994/1610. The relevant amending Statutory Instrument is SI 1994/1610).

**NB** for pig feed the results must be corrected to 100% dry matter.

(45) Determined by Procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1985/1119).

**NB** It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed or food. In ruminant and pig feeds the result must be corrected to 100% dry matter.

(45) Determined by Procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1985/1119).

**NB** It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed or food. In ruminant and pig feeds the result must be corrected to 100% dry matter.

<sup>(46)</sup> Determined by method 30a (Polarimetric Method) of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982.

<sup>(47)</sup> Determined by method 10a of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982.

<sup>(48)</sup> Determined by the method detailed in "The Prediction of Energy Values of Compound Feeding Stuffs for Farm Animals" (published by the Ministry of Agriculture, Fisheries and Food).

<sup>(45)</sup> Determined by Procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1985/1119).

where in either case the percentage of nitrogen-free extract is calculated by subtracting from 100 the total of the percentages of moisture(50), ash(49), protein(44) oils and fats(45) and fibre(51).

N.B Where the results of analysis are to be given on a dry matter basis, this may be achieved by analysing either the dried material, or fresh material and correcting for themoisture content.

SCHEDULE 10

Regulation 19, Schedule 1, paragraphs 11, 12, 18 and 21

# PERMITTED FEEDING STUFFS INTENDED FOR PARTICULAR NUTRITIONAL PURPOSES AND PROVISIONS RELATING TO THEIR USE

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
Support of renal function in case of chronic renal insufficiency(5	Low level of phosphorus and restricted level of 2 protein but of high quality	Dogs and cats	&—Protein source(s) — Calcium — Phosphor — Potassium — Sodium — Content of essential fatty acids (if added)		Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."  Indicate in the instructions for use:

<sup>(50)</sup> Determined by method 2 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982.

<sup>(49)</sup> Determined by method 12 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982.

 $<sup>{\</sup>bf NB}$  The result must be corrected to 100% dry matter.

<sup>(44)</sup> Determined by method 4 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982 (SI 1982/1144, amended by SI 1984/52, 1985/1119 and 1994/1610. The relevant amending Statutory Instrument is SI 1994/1610).

**NB** for pig feed the results must be corrected to 100% dry matter.

<sup>(45)</sup> Determined by Procedure B of method 3 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1985/1119).

**NB** It is recommended that the pre-extraction of oil prior to acid hydrolysis is always carried out on compound feed or food. In ruminant and pig feeds the result must be corrected to 100% dry matter.

<sup>(51)</sup> Determined by method 9 of the methods of analysis specified in Schedule 2 of the Feeding Stuffs (Sampling and Analysis) Regulations 1982. (The relevant amending Statutory Instrument is SI 1994/1610).

<sup>(53)</sup> If the feeding stuff is recommended for temporary renal insufficiency the recommended period for use shall be two to four weeks

<sup>(52)</sup> If appropriate the manufacturer may also recommend use for temporary renal insufficiency.

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions "Water should
					be available at all times."
Dissolution of struvite stones(54)	—Urine acidifying properties, low level of magnesium,	Dogs	<ul><li>— Protein source(s)</li><li>— Calcium</li><li>— Phosphoru</li><li>— Sodium</li></ul>	5 to 12 weeks	Indicate on the package, container or label:
	and restricted level of protein but of high quality		<ul> <li>Magnesiur</li> <li>Potassium</li> <li>Chlorides</li> <li>Sulphur</li> <li>Urine <ul> <li>acidifying</li> <li>substances</li> </ul> </li> </ul>		"It is recommended that a veterinarian's opinion be sought before use."
					Indicate in the instructions for use:
					"Water should be available at all times."
	—Urine acidifying properties and low level of magnesium	Cats	<ul> <li>Calcium</li> <li>Phosphoru</li> <li>Sodium</li> <li>Magnesium</li> <li>Potassium</li> <li>Chlorides</li> <li>Sulphur</li> <li>Total taurine</li> <li>Urine acidifying substances</li> </ul>	n	
Reduction of struvite stone recurrence(54)	Urine acidifying properties and moderate level of magnesium	Dogs and cats	<ul> <li>Calcium</li> <li>Phosphoru</li> <li>Sodium</li> <li>Magnesiur</li> <li>Potassium</li> <li>Chlorides</li> <li>Sulphur</li> </ul>	smonths m	Indicate on the package, container or label: "It is recommended that a veterinarian's opinion be

<sup>(54)</sup> In the case of feeding stuffs for cats, "feline lower urinary tract disease" or "feline urological syndrome—F.U.S." may

complete the particular nutritional purpose.

(54) In the case of feeding stuffs for cats, "feline lower urinary tract disease" or "feline urological syndrome—F.U.S." may complete the particular nutritional purpose.

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
			<ul><li>Urine acidifying substance</li></ul>		sought before use."
Reduction of urate stones formation	Low level of purines, low level of protein but of high quality	Dogs and cats	Protein source(s)	Up to 6 months but lifetime use in cases of irreversible	Indicate on the package, container or label:
				disturbance of uric acid metabolism	"It is recommended that a veterinarian's opinion be sought before use."
Reduction of oxalate stones formation	Low level of calcium, low level of vitamin D, and urine	Dogs and cats	<ul><li>— Phosphor</li><li>— Calcium</li><li>— Sodium</li><li>— Magnesiu</li><li>— Potassiun</li></ul>	months	Indicate on the package, container or label:
	and urine alkalising properties		<ul> <li>Chlorides</li> <li>Sulphur</li> <li>Total</li> <li>Vitamin</li> <li>D</li> <li>Hydroxyp</li> <li>Urine</li> </ul>		"It is recommended that a veterinarian's opinion be sought before use."
			alkalising substance		use.
Reduction of cystine stones formation	Low level of protein, moderate level of sulphur amino acids,	Dogs and cats	<ul><li>Total sulphur amino acids</li><li>Sodium</li></ul>	Initially up to 1 year	Indicate on the package, container or label:
	and urine alkalising properties		<ul><li>Potassiun</li><li>Chlorides</li><li>Sulphur</li><li>Urine</li><li>alkalising</li><li>substance</li></ul>	5	"It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Reduction of ingredient	Selected protein source(s) and/	Dogs and cats	— Protein source(s)	3 to 8 weeks: if signs of intolerance	_

Column 1 Particular nutritional purpose and nutrient intolerances(55	Column 2 Essential nutritional characteristics or Selected )carbohydrate source(s)	Column 3 Species or category of animal	Column 4 Labelling declarations  — Content of essential fatty acids (if added) — Carbohyo source(s) — Content of essential fatty acids (if added)	Column 5 Recommended length of time for use disappear this feed can be used indefinitely.	Column 6 Other provisions
Reduction of acute intestinal absorptive disorders	Increased level of electrolytes and highly digestible ingredients	Dogs and cats	<ul> <li>Highly digestible ingredien including their treatment if appropria</li> <li>Sodium</li> <li>Potassium</li> <li>Source(s) of mucilagir substance (if added)</li> </ul>	te n nous	Indicate on the package, container or label:  — "During periods of and recovery from acute diarrhoea."  — "It is recommended that a veterinarian's opinion be sought before use."
Compensation for maldigestion(50	digestible	Dogs and cats	Highly digestible ingredients including their treatment if appropriate	3 to 12 weeks, but lifetime in case of chronic pancreatic insufficiency	Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be

<sup>(55)</sup> In the case of feeding stuffs for a particular intolerance reference to the specific intolerance can replace "ingredient and (55) In the case of recently state for a particular nutritional purpose with reference "exocrine pancreatic insufficiency".
 (56) The manufacturer may complete the particular nutritional purpose with reference "exocrine pancreatic insufficiency".

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
Support of heart function in case of chronic cardiac insufficiency	Low level of sodium and increased K/ Na ratio	Dogs and cats	— Sodium — Potassium — Magnesiui		sought before use."  Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Regulation of glucose supply (Diabetes mellitus)	Low level of rapid glucose-releasing carbohydrates	Dogs and cats	<ul> <li>Carbohydra source(s)</li> <li>Treatment of carbohydra if appropriat</li> <li>Starch</li> <li>Total sugar</li> <li>Fructose (if added)</li> <li>Content of essential fatty acids (if added)</li> <li>Source(s) of short and medium chain fatty acids (if added)</li> </ul>	ates	Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Support of liver function in case of	—High quality protein, moderate level	Dogs		Initially up to 6 months	Indicate on the package, container or label:

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4  Labelling declarations	Column 5 Recommended length of time for use	provisions
chronic liver insufficiency	of protein, low level of fat, high level of essential fatty acids and high level of highly digestible carbohydrates		essential fatty acids — Highly digestible carbohydr including their treatment if appropriat — Sodium — Total		"It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
	—High quality protein, moderate level of protein, moderate level of fat and high level of essential fatty acids	Cats	copper  — Protein source(s) — Content of essential fatty acids — Sodium — Total copper		
Regulation of lipid metabolism in case of hyperlipidaemi	Low level of fat and high level of essential fatty a acids	Dogs and cats	<ul> <li>Content of essential fatty acids</li> <li>Content of n-3 fatty acids (if added)</li> </ul>	Initially up to 2 months	Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Reduction of copper in the liver	Low level of copper	Dogs	Total copper	Initially up to 6 months	Indicate on the package, container or label:  "It is recommended that a veterinarian's

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	provisions
					opinion be sought before use or before extending the period of use."
Reduction of excessive body weight	Low energy density	Dogs and cats	—Energy value (until 30 June 1988 calculated according to EC method— see Schedule 9)	Until target body weight is achieved	In the instructions for use an appropriate daily intake must be recommended
Nutritional restoration, convalescence(	High energy density, high 570 ncentration of essential nutrients and highly digestible ingredients	Dogs and cats	•	te	In the case of feeding stuffs specially presented to be given via tubing, indicate on thepackage, container or label:  "Administration under veterinary supervision"
Support of skin function in case of dermatosis	High level of essential fatty acids	Dogs and cats	Content of essential fatty acids	Up to 2 months	Indicate on the package, container or label:

<sup>(57)</sup> In the case of feeding stuffs for cats, the manufacturer may complete the particular nutritional purpose with a reference to "Feline hepatic lipidosis".

Column 1 Particular nutritional purpose and excessive loss of hair	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4  Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions  "It is recommended that a veterinarian's opinion be sought before use."
Reduction of the risk of milk fever	<ul> <li>Low level of calcium</li> <li>and/or</li> <li>Low cations/ anions ratio</li> </ul>	Dairy cows		as	Indicate in the instructions for use: "Stop feeding after calving."
Reduction of the risk of ketosis(58)(59)	Ingredients providing glucogenic energy sources	Dairy cows and ewes	glucogenic energy sources — Propane-1 2-diol	weeks after exalving(60). Last 6 weeks before and the first 3 weeks after lambing(61)	
Reduction of the risk of tetany (hypomagnesae	High level of magnesium, easily mainialiable carbohydrates, moderate level of protein and low level of potassium	Ruminants	<ul> <li>Starch</li> <li>Total</li> <li>sugars</li> <li>Magnesiun</li> <li>Sodium</li> <li>Potassium</li> </ul>		In the instructions for use guidance shall be provided on the balance of the daily ration, with regard to the inclusion of fibre

<sup>(58)</sup> The term "ketosis" may be replaced by "acetonaemia".
(59) The manufacturers may also recommend the use for ketosis recuperation.
(60) In the case of feeding stuffs for dairy cows.
(61) In the case of feeding stuffs for ewes.

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4  Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
					and easily available energy sources.
					In case of feeding tuffs for ovines indicate on the package, container or label:
					"Especially for lactating ewes."
Reduction of the risk of acidosis	Low level of easily fermentable carbohydrates and high buffering capacity	Ruminants	<ul><li>Starch</li><li>Total sugars</li></ul>	Maximum 2 months(62)	In the instructions for use guidance shall be provided on the balance of the daily ration, with regard to the inclusion of fibre and easily fermentable carbohydrate sources.
					In case of feeding stuffs for dairy cows indicate on the package, container or label:
					"Especially for high yielding cows."
					In the case of feeding stuffs

<sup>(62)</sup> In the case of feeding stuffs for dairy cows: "maximum two months from the start of lactation".

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions for ruminants	
					for fattening indicate on the package, container or label:	
					"Especially for intensively fed"(63)	
Stabilisation of water and	Predominantly electrolytes	Calves		rateo 7 days (1 to 3 days if fed	Indicate on the package,	
electrolyte balance	and easily absorbable	Piglets	<ul><li>Sodium</li><li>Potassium</li></ul>	exclusively)	container or label:	
Datance	carbohydrates	Lambs	<ul><li>Chlorides</li></ul>	— "In		
		Kids			case of risk of,	
		Foals			during periods of, or recovery from digestive disturbance (diarrhoea).  It is recommended that a veterinarian's opinion be sought before use."	
Reduction of the risk of urinary calculi	Low level of phosphorus, magnesium and urine acidifying properties	Ruminants	Urine acidifying substances — Calcium — Phosphore — Sodium — Magnesiu — Potassium — Chlorides — Sulphur	m	Indicate on the package, container or label:  "Especially for intensively fed young animals."	

<sup>(63)</sup> Indicate the category of ruminants concerned.

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	provisions
					Indicate in the instructions for use. "Water should
					be available at all times."
Reduction of stress reactions	High level magnesium and/or Highly digestible ingredients	Pigs	Magnesium  — Highly digestible ingredient including their treatment if appropria  — Content of n-3 fatty acids (if added)	ts	Guidance shall be provided on the situation in which the use of this feed is appropriate.
Stabilisation of physiological digestion	—Low buffering capacity and highly digestible ingredients	Piglets	<ul> <li>Highly digestible ingredient including their treatment if appropria</li> <li>Buffering capacity</li> <li>Source(s) of astringent substance (if added)</li> <li>Source(s) of mucilagin substance (if added)</li> </ul>	te te s	Indicate on the package, container or label:  "In case of risk of, during period of, or recovery from, digestive disturbance."
	—Highly digestible ingredients	Pigs	<ul> <li>Highly digestible ingredient including</li> </ul>		

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4  Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
			their treatment if appropria — Source(s) of astringent substance (if added) — Source(s) of mucilagir substance (if added)	te t es	
Reduction of the risk of constipation	Ingredients stimulting intestinal passage	Sows	Ingredients stimulating intestinal passage	10 to 14 days before and 10 to 14 days after farrowing	
Reduction of the risk of fatty liver syndrome	Low energy and high proportion of metabolizable energy from lipids with high level of polyunsaturated fatty acids	Laying hens	<ul> <li>Energy value (calculate according to EEC method — see Schedule 9)</li> <li>Percentag of metaboliz energy from lipids</li> <li>Content of polyunsat fatty acids</li> </ul>	ge zable	
for	Low level of saturated fatty acids and high level of fat soluble vitamins	Poultry excluding geese and pigeons	of	geDuring the first 2 weeks after hatching	

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Particular	Essential	Species or	Labelling	Recommended	Other
nutritional	nutritional characteristics	category of animal	declarations	length of	provisions
purpose	Characteristics	апта	fatty acids — Total vitamin A — Total vitamin D — Total vitamin E — Total vitamin E	time for use	
Compensation for chronic insufficiency of small intestine function	Highly precaecally digestible carbohydrates, proteins and fats	Equines(64)	Source(s) of highly digestible carbohydrates, proteins and fats including their treatment if appropriate	Initially up to 6 months	Guidance should be provided on the situations in which the use of the feed is appropriate and the manner in which it should be fed including many small meals per day
					Indicate on the package, container or label:
					"It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Compensation of chronic	Highly digestible fibre	Equines	— Fibre source(s)	Initially up to 6 months	Guidance should be

<sup>(64)</sup> In the case of feeding stuffs specially prepared to meet the specific conditions of very old animals (easily digestible ingredients) a reference to "old animals" shall complete the indication of the species of category of animal.

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Column 1	Column 2	Column 3	Col	umn 4	Column 5	Column 6
Particular	Essential	Species or	Lab	elling	Recommended	Other
nutritional	nutritional	category of	deci	larations	length of	provisions
purpose	characteristics	animal		Cantant	time for use	
digestive disorders of large intestine			_	Content of n-3 fatty acids (if added)		provided on the situations in which the use of the feed is appropriate and the manner in which the feed should be fed
						Indicate on the package, container or label:
						"It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Reduction of stress reactions	Highly digestible ingredients	Equines	_	Magnesium Highly digestible ingredient including their treatment if appropriat Content of n-3 fatty acids (if added)		Guidance shall be provided on the precise situations in which the use of the feed is appropriate
Compensation of electrolyte loss in cases of heavy sweating	Predominantly electrolytes and easily absorbable carbohydrates	Equines	_ _ _	Calcium Sodium Magnesium Potassium Chlorides Glucose		Guidance shall be provided on the situations in which the use of the feed is appropriate
			164			When the feed corresponds to a significant

Column 1 Particular nutritional purpose	Column 2  Essential  nutritional  characteristics	Column 3 Species or category of animal	Column 4 Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
				J	part of the daily ration, guidance should be provided to prevent the risk of abrupt changes in the nature of the feed
					Indicate on the instructions for use:
					"Water should be available at all times."
Nutritional restoration, convalescence	High concentration of essential nutrients and highly digestible ingredients	Equines	<ul> <li>Highly         digestible         ingredient         including         their         treatment         if</li> </ul>	Until restoration is sychieved	Guidance shall be provided on the situations in which the use of the feed is appropriate
	ingreatering		appropriat  — Content of n-3 and n-6 fatty acids (if added)	e	In the case of feeding stuffs specially presented to be given via tubing, indicate on the package, container or label:
					"Administration under veterinary supervision."
Support of liver function in case of chronic liver insufficiency	Low level of protein but of high quality and highly digestible carbohydrates	Equines	<ul> <li>Protein and fibre source(s)</li> <li>Highly digestible carbohydr including their</li> </ul>	Initially up to 6 months	Guidance should be provided on the manner in which the feed should be fed including

Column 1 Particular nutritional purpose	Column 2 Essential nutritional characteristics	Column 3 Species or category of animal	Column 4  Labelling declarations	Column 5 Recommended length of time for use	Column 6 Other provisions
			treatment if appropriat — Methionin — Choline — Content of n-3 fatty acids (if added)	re	many small meals per day  Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."
Support of renal function in case of chronic renal insufficiency	Low level of protein but of high quality and low level of phosphorus	Equines	<ul> <li>— Protein source(s)</li> <li>— Calcium</li> <li>— Phosphore</li> <li>— Potassium</li> <li>— Magnesius</li> <li>— Sodium</li> </ul>	Į.	Indicate on the package, container or label:  "It is recommended that a veterinarian's opinion be sought before use or before extending the period of use."  Indicate in the instructions for use:  "Water should be available at all times."

## CHAPTER B

1. Where there is more than one group of nutritional characteristics indicated in column 2 of Chapter A, denoted by "and/or", for the same nutritional purpose, the feeding stuff may have either or both groups in order to fulfil the nutritional purpose specified in column 1. For each group the corresponding labelling declarations are given opposite in column 4.

- 2. Where a group of additives is mentioned in column 2 or column 4 of Chapter A, the additive(s) used must be authorised in Council Directive 70/524/EEC(65) as corresponding to the specified essential characteristic.
- **3.** Where the source(s) of ingredients or of analytical constituents is (are) required in column 4 of Chapter A the manufacturer must make a specific declaration (i.e. specific name of the ingredient(s), animal species or part of the animal) allowing the evaluation of conformity of the feeding stuff with the corresponding essential nutritional characteristics.
- **4.** Where the declaration of a substance, also authorised as an additive, is required by column 4 of Chapter A and is accompanied by the expression "total", the declared content must refer to, as appropriate, the quantity naturally present where none is added or, by derogation from Directive 70/524/EEC(65), the total quantity of the substances naturally present and the amount added as an additive.
- **5.** The declarations specified in column 4 of Chapter A which include the words "if added" are required where the ingredient or the additive has been incorporated or its content increased specifically to enable the achievement of the particular nutritional purpose.
- **6.** The declarations to be given in accordance with column 4 of Chapter A concerning analytical constituents and additives must be expressed in quantitative terms.
- 7. The recommended period of use indicated in column 5 of Chapter A indicates a range within which the nutritional purpose should normally be achieved. Manufacturers may refer to more precise periods of use, within the permitted range.
- **8.** Where a feeding stuff is intended to meet more than one particular nutritional purpose, it must comply with the corresponding entries in Chapter A.
- **9.** In the case of a complementary feedingstuff intended for a particular nutritional purpose, guidance on the balance of the daily ration must be provided in the instructions for use.

#### **EXPLANATORY NOTE**

(This note is not part of the Regulations)

- 1. These Regulations, which apply to Great Britain and come into force on 30th June 1995, consolidate with amendments the Feeding Stuffs Regulations 1991 as amended, and implement the European Community directives listed at the end of this note.
- 2. The Regulations apply to feeding stuffs for animals of the kinds specified in regulation 3 and for pet animals. Those feeding stuffs (with the exception of straight feeding stuffs intended for use as pet foods) are prescribed in regulation 4 for the purposes of sections 68(1) and 69(1) of the Agriculture Act 1970 ("the Act"), which require sellers of prescribed materials to give "statutory statements" as to the composition of those materials and information or instructions as to their storage, handling and use, and to mark them with that information. The contents of statutory statements and other declarations are prescribed by regulation 5 and Schedules 1, 6, 8 Part I and 9, and their form by regulation 6. Further provisions relating to statutory statements are contained in

<sup>(65)</sup> OJ No L270, 14.12.70, p.1.

<sup>(65)</sup> OJ No L270, 14.12.70, p.1.

regulations 7, 8 and 11. Permitted limits of variation in mis-statements in statutory statements are prescribed (regulation 10 and Schedule 3).

#### **3.** The Regulations—

- (a) control the labelling or marking of pre-mixtures of additives (regulation 9 and Schedule 8 Part II);
- (b) provide for the manner of packaging and sealing compound feeding stuffs, additives and pre-mixtures (regulation 12);
- (c) provide for the meaning of names for the purposes of Section 70 of the Act (which creates an implied warranty that material described by a name to which a meaning has been assigned pursuant to that section accords with that meaning), (regulation 13(1) and Schedule 2);
- (d) regulate the marketing and use of feeding stuffs containing additives and additives intended to be incorporated in feeding stuffs (regulation 14 and Schedule 4);
- (e) restrict or prohibit the marketing and use of feeding stuffs containing certain undesirable substances and the marketing, supply, importation and mixing of ingredients containing such substances (regulation 15 and Schedule 5);
- (f) restrict the marketing and use of certain protein sources and non-protein nitrogenous compounds in feeding stuffs (regulation 16 and Schedule 7);
- (g) make special provision as to the iron content of milk replacer feeds (regulation 17);
- (h) prohibit the marketing of compound feeding stuffs in which the level of ash insoluble in hydrochloric acid exceeds specified levels (regulation 18);
- (i) provide inspectors appointed under section 67 of the Act with powers to inspect manufacturers' records relating to compound feeding stuffs (regulation 22).
- **4.** The Regulations modify section 66(1) of the Act so as to provide a new definition of "feeding stuff"; and modify section 66(2), which specifies the circumstances in which material is to be treated for the purposes of the Act as imported or sold for use as a feeding stuff or as used as a feeding stuff. They modify section 69 of the Act in its application to imported feeding stuffs. They also modify section 82 (which provides for defences to prosecutions brought under the Act) by applying it to additional sections of Part IV of the Act (regulations 20 and 21).
- **5.** In addition to minor and drafting amendments, the Regulations make changes in the previous law to give effect to the following Community legislation—

Council Directive 93/74/EEC (OJ No. L237, 22.9.93, p.23) on feeding stuffs intended for particular nutritional purposes;

Commission Directive 94/39/EC (OJ No. L207, 10.8.94, p.20) establishing a list of intended uses of animal feeding stuffs for particular nutritional purposes;

Commission Directive 94/41EC (OJ No. L209, 12.8.94, p.18) amending the Annexes to Council Directive 70/524/EEC (OJ No. L270, 14.12.70, p.1) (OJ/SE Vol. 18, p.4) concerning additives in feeding stuffs;

Commission Directive 95/9/EC (OJ No. L91, 22.4.95, p.35) amending Directive 94/39/EC (OJ No. L207, 10.8.94, p.20) establishing a list of uses of animal feeding stuffs intended for particular nutritional purposes;

Commission Directive 95/10/EC (OJ No. L91, 22.4.95, p.39) fixing the method of calculating the energy value of dog and cat food intended for particular nutritional purposes.

The principal changes are contained in—

(a) regulation 3—in which the list of animals prescribed for the purposes of the definition of feeding stuff in section 66(1) of the Act is extended to include piglets and foals;

- (b) regulation 19—which regulates the marketing of feeding stuffs intended for particular nutritional purposes by reference to Schedule 10—in which are set out the conditions which must be satisfied if such feeding stuffs are to be marketed, including a requirement that the particular nutritional purpose in question be one of those specified in that Schedule;
- (c) Schedule 1—in paragraphs 17–19 and 21 of which labelling requirements are specified for feeding stuffs intended for particular nutritional purposes;
- (d) Schedule 9—in which an official method of calculating the energy value of feeding stuffs intended for particular nutritional purposes for cats and dogs is added. The method is referred to in paragraph 18(1)(e) of Schedule 1 and in Schedule 3 Part E.
- **6.** A compliance cost assessment relating to these Regulations has been placed in the libraries of both Houses of Parliament.

#### LIST OF DIRECTIVES

**1.** Council Directive 70/524/EEC (OJ No. L270, 14.12.70, p.11 (OJ/SE Vol. 18, p.4) concerning additives in feeding stuffs, as amended by—

Commission Directive 91/248/EEC (OJ No. L124, 18.5.91, p.1)

Commission Directive 91/249/EEC (OJ No. L124, 18.5.91, p.43)

Commission Directive 91/336/EEC (OJ No. L185, 11.7.91, p.31)

Commission Directive 91/508/EEC (OJ No. L271, 27.9.91, p.67)

Commission Directive 92/64/EEC (OJ No. L221, 6.8.92, p.51)

Commission Directive 92/113/EEC (OJ No. L16, 25.1.93, p.2)

Commission Directive 93/27/EEC (OJ No. L179, 22.7.93, p.5)

Commission Directive 93/55/EEC (OJ No. L206, 18.8.93, p.11)

Council Directive 93/113/EC (OJ No. L334, 31.12.93, p.17)

Council Directive 93/114/EC (OJ No. L334, 31.12.93, p24)

Commission Directive 94/17/EC (OJ No. L105, 26.4.94, p.19)

Commission Directive 94/41/EC (OJ No. L209, 12.8.94, p.18).

**2.** Council Directive 74/63/EEC (OJ No. L38, 11.2.74, p.31) on undesirable substances and products in animal nutrition, as amended by—

Commission Directive 76/934/EEC (OJ No. L364, 31.12.76, p.20)

Council Directive 80/502/EEC (OJ No. L124, 20.5.80, p.17)

Commission Directive 83/381/EEC (OJ No. L222, 13.8.83, p.31)

Council Directive 85/3768/EEC (OJ No. L362, 31.12.85, p.8)

Commission Directive 86/299/EEC (OJ No. L189, 11.7.86, p.40)

Council Directive 86/354/EEC (OJ No. L212, 2.8.86, p.27)

Commission Directive 87/238/EEC (OJ No. L110, 25.4.87, p.25)

Commission Directive 91/126/EEC (OJ No. L60, 7.3.91, p.16)

Council Directive 91/132/EEC (OJ No. L66, 13.3.91, p.16)

Commission Directive 92/63/EEC (OJ No. L221, 6.8.92, p.49)

Council Directive 92/88/EEC (OJ No. L321, 6.11.92, p.24)

Commission Directive 94/16/EC (OJ No. L104, 23.4.94, p.32).

**3.** Council Directive 77/101/EEC (OJ No. L32, 3.2.77, p.1) on the marketing of straight feeding stuffs, as amended by—

Council Directive 79/372/EEC (OJ No. L86, 6.4.79, p.29)

Commission Directive 79/797/EEC (OJ No. L239, 22.9.79, p.53)

Commission Directive 80/510/EEC (OJ No. L126, 21.5.80, p.12)

Commission Directive 82/937/EEC (OJ No. L383, 31.12.82, p.11)

Council Regulation 85/3768/EEC (OJ No. L362, 31.12.85, p.8)

Council Directive 86/354/EEC (OJ No. L212, 2.8.86, p.27)

Commission Directive 87/234/EEC (OJ No. L102, 14.4.87, p31)

**4.** Council Directive 79/373/EEC (OJ No. L86, 6.4.79, p.30) on the marketing of compound feeding stuffs, as amended or supplemented by—

Commission Directive 80/509/EEC (OJ No. L126, 21.5.80, p.9)

Commission Directive 80/695/EEC (OJ No. L188, 22.7.80, p.23)

Commission Directive 82/475/EEC (OJ No. L213, 21.7.82, p.27)

Commission Directive 82/957/EEC (OJ No. L386, 31.12.82, p.42)

Council Regulation 85/3768/EEC (OJ No. L362, 31.12.85, p.8)

Commission Directive 86/174/EEC (OJ No. L130, 16.5.86, p.53)

Council Directive 86/354/EEC (OJ No. L212, 2.3.86, p.27)

Commission Directive 87/235/EEC (OJ No. L102, 14.4.87, p.34)

Council Directive 90/44/EEC (OJ No. L27, 31.1.90, p.35)

Commission Directive 91/334/EEC (OJ No. L134, 6.6.91, p.27)

Commission Directive 91/357/EEC (OJ No. L93, 17.7.91, p.34)

Commission Directive 91/516/EEC (OJ No. L281, 9.10.91, p.23)

Commission Directive 92/87/EEC (OJ No. L319, 4.11.92, p.19)

Commission Directive 92/508/EEC (OJ No. L312, 29.10.92, p.36)

Council Directive 93/74/EEC (OJ No. L237, 22.9.93, p.23)

Commission Directive 94/39/EC (OJ No. L207, 10.8.94, p.20)

Commission Directive 95/9/EC (OJ No. L91, 22.4.95, p.35)

Commission Directive 96/10/EC (OJ No. L91, 22.4.95, p.39).

- **5.** Commission Directive 80/511/EEC (OJ No. L125, 21.5.80, p.14) authorising, in certain cases, the marketing of compound feeding stuffs in unsealed packages or containers.
- **6.** Council Directive 82/471/EEC (OJ No. L213, 21.7.82, p.8) concerning certain products used in animal nutrition, as amended by—

Council Directive 85/509/EEC (OJ No. L314, 23.11.85, p.25)

Council Regulation 85/3768/EEC (OJ No. L362, 31.12.85, p.8)

Commission Directive 86/530/EEC (OJ No. L312, 7.11.86, p.39)

Commission Directive 88/485/EEC (OJ No. L239, 30.8.88, p.36)

Commission Directive 89/520/EEC (OJ No. L270, 19.9.89, p.13)

Commission Directive 90/439/EEC (OJ No. L227, 21.8.90, p.33)

Commission Directive 93/26/EEC (OJ No. L179, 22.7.93, p.2)

Commission Directive 93/56/EEC (OJ No. L206, 18.8.93, p.13).