
Changes to legislation: There are outstanding changes not yet made to Regulation (EC) No 1831/2003 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX I

ADDITIVE GROUPS

1. In the category ‘technological additives’, the following functional groups are included:
 - (a) preservatives: substances or, when applicable, micro-organisms which protect feed against deterioration caused by micro-organisms or their metabolites;
 - (b) antioxidants: substances prolonging the storage life of feedingstuffs and feed materials by protecting them against deterioration caused by oxidation;
 - (c) emulsifiers: substances that make it possible to form or maintain a homogeneous mixture of two or more immiscible phases in feedingstuffs;
 - (d) stabilisers: substances which make it possible to maintain the physico-chemical state of feedingstuffs;
 - (e) thickeners: substances which increase the viscosity of feedingstuffs;
 - (f) gelling agents: substances which give a feedingstuff texture through the formation of a gel;
 - (g) binders: substances which increase the tendency of particles of feedingstuffs to adhere;
 - (h) substances for control of radionucleide contamination: substances that suppress absorption of radionucleides or promote their excretion;
 - (i) anticaking agents: substances that reduce the tendency of individual particles of a feedingstuff to adhere;
 - (j) acidity regulators: substances which adjust the pH of feedingstuffs;
 - (k) silage additives: substances, including enzymes or micro-organisms, intended to be incorporated into feed to improve the production of silage;
 - (l) denaturants: substances which, when used for the manufacture of processed feedingstuffs, allow the identification of the origin of specific food or feed materials;
 - (m) [^{F1}substances for reduction of the contamination of feed by mycotoxins: substances that can suppress or reduce the absorption, promote the excretion of mycotoxins or modify their mode of action^[F2;]]
 - (n) [^{F3}hygiene condition enhancers: substances or, when applicable, microorganisms which favourably affect the hygienic characteristics of feed by reducing a specific microbiological contamination^[F4;]]
 - (o) [^{F5}other technological additives: substances or, when applicable, microorganisms added to feed for a technological purpose and which favourably affect the characteristics of the feed.]

Textual Amendments

- F1** Inserted by [Commission Regulation \(EC\) No 386/2009 of 12 May 2009 amending Regulation \(EC\) No 1831/2003 of the European Parliament and of the Council as regards the establishment of a new functional group of feed additives \(Text with EEA relevance\).](#)

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- F2** Substituted by Commission Regulation (EU) 2015/2294 of 9 December 2015 amending Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the establishment of a new functional group of feed additives (Text with EEA relevance).
- F3** Inserted by Commission Regulation (EU) 2015/2294 of 9 December 2015 amending Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the establishment of a new functional group of feed additives (Text with EEA relevance).
- F4** Substituted by Commission Regulation (EU) 2019/962 of 12 June 2019 amending Annex I to Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the establishment of two new functional groups of feed additives (Text with EEA relevance).
- F5** Inserted by Commission Regulation (EU) 2019/962 of 12 June 2019 amending Annex I to Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the establishment of two new functional groups of feed additives (Text with EEA relevance).

2. In the category 'sensory additives', the following functional groups are included:
 - (a) colourants:
 - (i) substances that add or restore colour in feedingstuffs;
 - (ii) substances which, when fed to animals, add colours to food of animal origin;
 - (iii) substances which favourably affect the colour of ornamental fish or birds;
 - (b) flavouring compounds: substances the inclusion of which in feedingstuffs increases feed smell or palatability.
3. In the category 'nutritional additives', the following functional groups are included:
 - (a) vitamins, pro-vitamins and chemically well-defined substances having similar effect;
 - (b) compounds of trace elements;
 - (c) amino acids, their salts and analogues;
 - (d) urea and its derivatives.
4. In the category 'zootechnical additives', the following functional groups are included:
 - (a) digestibility enhancers: substances which, when fed to animals, increase the digestibility of the diet, through action on target feed materials;
 - (b) gut flora stabilisers: micro-organisms or other chemically defined substances, which, when fed to animals, have a positive effect on the gut flora;
 - (c) substances which favourably affect the environment;
 - (d) other zootechnical additives^[F4;]
 - (e) ^[F5]physiological condition stabilisers: substances or, when applicable microorganisms, which, when fed to animals in good health, favourably affect their physiological condition, including their resilience to stress factors.]

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Changes and effects yet to be applied to :

- Regulation applied (with modifications) by [S.I. 2023/959 reg. 4\(a\)Sch. 1](#)

Changes and effects yet to be applied to the whole legislation item and associated provisions

- Art. 2(2)(o)-(t) inserted by [S.I. 2019/654 reg. 10\(a\)\(ii\)](#) (This amendment not applied to legislation.gov.uk. Reg. 10(a)(ii) substituted immediately before IP completion day by S.I. 2020/1504, regs. 1(2), 12(3))
- Art. 18A(4)(d) words substituted by [S.I. 2019/1013 reg. 32](#) (This amendment not applied to legislation.gov.uk. S.I. 2019/1013 revoked immediately before IP completion day by S.I. 2020/1504, regs. 1(2), 21(e))