

ANNEX IV

PROCESSING

CHAPTER IV

ALTERNATIVE PROCESSING METHODS

Section 3

Disposal and use of derived products

2. Materials resulting from processing in accordance with:
- (a) the alkaline hydrolysis process defined in point A of Section 2 may be transformed in a biogas plant and subsequently combusted rapidly at a minimum of 900 °C, followed by rapid chilling ('quenching'); where material referred to in Article 8(a) and (b) of Regulation (EC) No 1069/2009 has been used as starting material, the transformation into biogas shall take place on the same site as the processing and in a closed system;
 - (b) the biodiesel production process may be:
 - (i) in the case of biodiesel and of residues from the distillation of biodiesel, used as a fuel without restrictions under this Regulation (end point);
 - (ii) [^{F1}in the case of potassium sulphate, used for direct application to land or for the production of derived products for application to land;
 - (iii) in the case of glycerine derived from Categories 1 and 2 material which has been processed in accordance with processing method 1 as set out in Chapter III:
 - used for technical purposes,
 - transformed into biogas, in which case the digestion residues may be applied to land within the national territory of the producing [^{F2}constituent nation], subject to the decision of the competent authority, or
 - used for denitrification in a waste water treatment plant, in which case the residues of the denitrification may be applied to land in accordance with [^{F3}the Urban Waste Water Treatment (England and Wales) Regulations 1994 or the Urban Waste Water Treatment (Scotland) Regulations 1994];
 - (iv) in the case of glycerine derived from Category 3 material:
 - used for technical purposes,
 - transformed into biogas, in which case the digestion residues may be applied to land, or
 - used for feeding, provided that the glycerine is not derived from Category 3 material referred to in Article 10(n), (o) and (p) of Regulation (EC) No 1069/2009;]
 - (c) [^{F4}the multi-step catalytic process for the production of renewable fuels may be:

*Changes to legislation: There are currently no known outstanding effects for the
 Commission Regulation (EU) No 142/2011, Division 2.. (See end of Document for details)*

- (i) in the case of gasoline and the other fuels resulting from the process, used as a fuel without restrictions under this Regulation (end point);
- (ii) in the case of used clay from bleaching and sludge from the pre-treatment process referred to in point J(2)(a) of Section 2:
 - disposed of by incineration or co-incineration,
 - transformed into biogas,
 - composted or used for the manufacture of derived products referred to in Article 36(a)(i) of Regulation (EC) No 1069/2009;]
- (d) [^{F5}the lime-treated mixture of pig and poultry manure may be applied to land as processed manure;]
- (e) [^{F6}The final product derived from the ensilaging of fish material may:
 - (i) for Category 2 materials, be used for purposes referred to in Article 13(a) to (d) and (g) to (i) of Regulation (EC) No 1069/2009 without further processing or as feed for animals referred to in Article 18 or Article 36(a)(ii) of that Regulation; or
 - (ii) for Category 3 materials, be used for purposes referred to in Article 14 of Regulation (EC) No 1069/2009 [^{F7};]]
- (f) [^{F8}the multiple-step catalytic hydro-treatment for the production of renewable fuels may be:
 - (i) in the case of renewable diesel, renewable jet fuel, renewable propane and renewable gasoline resulting from the process, used as a fuel without restrictions under this Regulation (end point);
 - (ii) in the case of gum sludge and used bleaching clay from the pre-treatment process referred to in point L(2)(a) of Section 2:
 - disposed of in accordance with Article 12(a) or (b) of Regulation (EC) No 1069/2009,
 - disposed of by burial in an authorised landfill,
 - transformed into biogas, provided the digestion residues from the biogas transformation are disposed of by incineration, co-incineration or burial in an authorised landfill,
 - used for technical purposes referred to in Article 36(a)(i) of Regulation (EC) No 1069/2009.]

Textual Amendments

- F1** Substituted by [Commission Regulation \(EU\) No 294/2013 of 14 March 2013 amending and correcting Regulation \(EU\) No 142/2011 implementing Regulation \(EC\) No 1069/2009 of the European Parliament and of the Council laying down health rules as regards animal by-products and derived products not intended for human consumption and implementing Council Directive 97/78/EC as regards certain samples and items exempt from veterinary checks at the border under that Directive \(Text with EEA relevance\).](#)
- F2** Words in Annex 4 Ch. 4 Section 3 point 2(b)(iii) substituted (E.W.S.) (31.12.2020) by [The Animals, Aquatic Animal Health, Invasive Alien Species, Plant Propagating Material and Seeds \(Amendment\) \(EU Exit\) Regulations 2020 \(S.I. 2020/1388\), regs. 1\(2\)\(c\), 13\(38\)\(c\)\(ii\)\(aa\)](#)

Changes to legislation: There are currently no known outstanding effects for the
Commission Regulation (EU) No 142/2011, Division 2.. (See end of Document for details)

- F3** Words in Annex 4 Ch. 4 Section 3 point 2(b)(iii) substituted (E.W.S.) (31.12.2020) by The Animals, Aquatic Animal Health, Invasive Alien Species, Plant Propagating Material and Seeds (Amendment) (EU Exit) Regulations 2020 (S.I. 2020/1388), regs. 1(2)(c), **13(38)(c)(ii)(bb)**
- F4** Inserted by Commission Regulation (EU) No 749/2011 of 29 July 2011 amending Regulation (EU) No 142/2011 implementing Regulation (EC) No 1069/2009 of the European Parliament and of the Council laying down health rules as regards animal by-products and derived products not intended for human consumption and implementing Council Directive 97/78/EC as regards certain samples and items exempt from veterinary checks at the border under that Directive (Text with EEA relevance).
- F5** Substituted by Commission Regulation (EU) 2015/9 of 6 January 2015 amending Regulation (EU) No 142/2011 implementing Regulation (EC) No 1069/2009 of the European Parliament and of the Council laying down health rules as regards animal by-products and derived products not intended for human consumption and implementing Council Directive 97/78/EC as regards certain samples and items exempt from veterinary checks at the border under that Directive (Text with EEA relevance).
- F6** Inserted by Commission Regulation (EU) 2015/9 of 6 January 2015 amending Regulation (EU) No 142/2011 implementing Regulation (EC) No 1069/2009 of the European Parliament and of the Council laying down health rules as regards animal by-products and derived products not intended for human consumption and implementing Council Directive 97/78/EC as regards certain samples and items exempt from veterinary checks at the border under that Directive (Text with EEA relevance).
- F7** Substituted by Commission Regulation (EU) 2017/1261 of 12 July 2017 amending Regulation (EU) No 142/2011 as regards an alternative method for processing certain rendered fats (Text with EEA relevance).
- F8** Inserted by Commission Regulation (EU) 2017/1261 of 12 July 2017 amending Regulation (EU) No 142/2011 as regards an alternative method for processing certain rendered fats (Text with EEA relevance).

Changes to legislation:

There are currently no known outstanding effects for the Commission Regulation (EU) No 142/2011, Division 2..