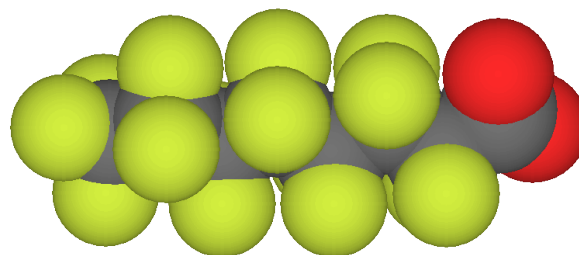




REACH ANNEX XVII newly added PFOA requirements

14 June 2017 , EU Commission Official Journal published (EU) 2017/1000, amended the REACH ANNEX XVII, newly added the restricted substance perfluorooctanoic acid (PFOA), its salts and PFOA-related substances to the list.



According to (EU) 2017/1000 , In Annex XVII to Regulation (EC) No 1907/2006, the following entry is added:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
<p>68.Perfluorooctanoic acid (PFOA) CAS No 335-67-1 EC No 206-397-9</p> <p>and its salts.</p> <p>Any related substance (including its salts and polymers) having a linear or branched perfluoroheptyl group with the formula C7F15- directly attached to another carbon atom, as one of the structural elements.</p> <p>Any related substance (including its salts and polymers) having a linear or branched perfluorooctyl group with the formula C8F17- as</p>	<p>1.Shall not be manufactured, or placed on the market as substances on their own from 4 July 2020.</p> <p>2.Shall not, from 4 July 2020, be used in the production of, or placed on the market in:</p> <ul style="list-style-type: none"> (a)another substance, as a constituent; (b)a mixture; (c)an article, <p>in a concentration equal to or above 25 ppb of PFOA including its salts or 1 000 ppb of one or a combination of PFOA-related substances.</p> <p>3.Points 1 and 2 shall apply from:</p> <ul style="list-style-type: none"> (a)4 July 2022 to: <ul style="list-style-type: none"> (i)equipment used to manufacture semi-conductors; (ii)latex printing inks. (b)4 July 2023 to: <ul style="list-style-type: none"> (i)textiles for the protection of workers from risks to their health and safety; (ii)membranes intended for use in medical textiles, filtration in water treatment, production processes and effluent treatment; (iii)plasma nano-coatings. (c)4 July 2032 to medical devices other than implantable medical devices within the scope of Directive 93/42/EEC. <p>4.Points 1 and 2 shall not apply to any of the following:</p>



<p>one of the structural elements.</p> <p>The following substances are excluded from this designation:</p> <p>- C8F17-X, where X = F, Cl, Br.</p> <p>-C8F17-C(=O)OH,</p> <p>C8F17-C(=O)O-X' or C8F17-CF2-X' (where X' = any group, including salts).</p>	<p>(a)perfluorooctane sulfonic acid and its derivatives, which are listed in Part A of Annex I to Regulation (EC) No 850/2004;</p> <p>(b)the manufacture of a substance where this occurs as an unavoidable by-product of the manufacture of fluorochemicals with a carbon chain equal to or shorter than 6 atoms;</p> <p>(c)a substance that is to be used, or is used as a transported isolated intermediate, provided that the conditions in points (a) to (f) of Article 18(4) of this Regulation are met;</p> <p>(d)a substance, constituent of another substance or mixture that is to be used, or is used:</p> <p>(i)in the production of implantable medical devices within the scope of Directive 93/42/EEC;</p> <p>(ii)in photographic coatings applied to films, papers or printing plates;</p> <p>(iii)in photo-lithography processes for semiconductors or in etching processes for compound semiconductors;</p> <p>(e)concentrated fire-fighting foam mixtures that were placed on the market before 4 July 2020 and are to be used, or are used in the production of other fire-fighting foam mixtures.</p> <p>5.Point 2(b) shall not apply to fire-fighting foam mixtures which were:</p> <p>(a)placed on the market before 4 July 2020; or</p> <p>(b)produced in accordance with point 4(e), provided that, where they are used for training purposes, emissions to the environment are minimised and effluents collected are safely disposed of.</p> <p>6.Point 2(c) shall not apply to:</p> <p>(a)articles placed on the market before 4 July 2020;</p> <p>(b)implantable medical devices produced in accordance with point 4(d)(i);</p> <p>(c)articles coated with the photographic coatings referred to in point 4(d)(ii);</p> <p>(d)semiconductors or compound semiconductors referred to in point 4(d)(iii).'</p>
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This update shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.

HCT SOLUTIONS:

Perfluorooctanoic acid (PFOA) and its salts is an ideal surfactant and widely used in textiles and in paper production industry, to improve the waterproof and anti-fouling anti-oil performance.Or used as a surfactant in the fire foam. And also widely used in the fluorine rubber production. Related enterprises should pay attention to the compliance requirements of related products and establish a restriction program to enact the compliance.

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