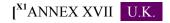
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/ EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Text with EEA relevance)



# [<sup>F1</sup>RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES]

### **Editorial Information**

X1 Substituted by Corrigendum to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 of 30 December 2006).

## **Textual Amendments**

- **F1** Substituted by Commission Regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Text with EEA relevance).
- [<sup>F2</sup>1. In this Annex "competent appropriate authority", in relation to the exercise of a function under this Annex, means— U.K.
- a the Secretary of State if, or to the extent that, the exercise of the function
  - i relates to England;
  - ii relates to Scotland and is not within devolved competence (within the meaning of section 54 of the Scotland Act 1998);
  - iii relates to Wales and is not within devolved competence (within the meaning of section 58A(7) and (8) of the Government of Wales Act 2006);
- b the Scottish Ministers if, or to the extent that, the exercise of the function is within devolved competence (within the meaning of section 54 of the Scotland Act 1998);
- c the Welsh Ministers if, or to the extent that, the exercise of the function is within devolved competence (within the meaning of section 58A(7) and (8) of the Government of Wales Act 2006).]

### **Textual Amendments**

F2 Annex 17 para. 1 inserted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 13 (as amended by S.I. 2020/1577, regs. 1(1)(b), 7(6)(a) (b)); 2020 c. 1, Sch. 5 para. 1(1)

	n 1 Designation of the substance, group of substances or of the e	Column 2 Conditions of restriction		
1.	Polychlorinated terphenyls (PCTs)	Shall not 	t be placed on the market, or used: as substances, in mixtures, including waste oils, or in equipment, in concentrations greater than 50 mg/kg (0,005 % by weight).	
2. Chloroethene (vinyl chloride) CAS No 75-01-4 EC No 200-831-0		Shall not be used as propellant in aerosols for any use. Aerosols dispensers containing the substance as propellant shall not be placed on the market.		
[ <sup>F8</sup> [ <sup>F9</sup> 3.	Liquid substances or mixtures [ <sup>F10</sup> which are regarded as dangerous in accordance with Directive 1999/45/ EC or are] fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008:	<u>1.</u>	Shall not be used in: ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, tricks and jokes,	
(a)	hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to		games for one or more participants, or any article intended to be used as such, even with ornamental aspects,	
(b)	<ul> <li>categories 1 and 2, 2.15 types A to F;</li> <li>hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function</li> </ul>	2.	Articles not complying with paragraph 1 shall not be placed on the market.	
(a)	and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; hazard class 4.1:	3.	Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or	
(c) (d)	hazard class 4.1; hazard class 5.1.]		perfume, or both, if they: can be used as fuel in decorative oil lamps for supply to the general public, and,	
			present an aspiration hazard and are labelled with R65 or H304,	
		4.	Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the [ <sup>F11</sup> British Standard Specification on Decorative oil lamps (BS EN 14059) adopted by the British Standards Institute].	

[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

	5. (a)	Without prejudice to the implementation of other [ <sup>F12</sup> legislation] relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly
	(b)	and indelibly marked as follows: ' Keep lamps filled with this liquid out of the reach of children '; and, by 1 December 2010, ' Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life- threatening lung damage '; grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December
	(c)	2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage'; lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
	<sup>F13</sup> 6.	
	7.	Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the [ <sup>F14</sup> Agency].]
Tris (2,3 dibromopropyl) phosphate 126-72-7	1.	Shall not be used in textile articles, such as garments, undergarments

4. CAS No

substances is promoted.		
		and linen, intended to come into contact with the skin.
	2.	Articles not complying with paragraph 1 shall not be placed on the market.
5. Benzene CAS No 71-43-2 EC No 200-753-7	1.	Shall not be used in toys or parts of toys where the concentration of benzene in the free state is greater than 5 mg/kg (0,0005 %) of the weight of the toy or part of toy.
	2.	Toys and parts of toys not complying with paragraph 1 shall not be placed on the market.
	3.	Shall not be placed on the market, or used,
	_	as a substance, as a constituent of other substances, or in mixtures, in concentrations equal to, or greater than 0,1 % by weight.
	4. (a)	However, paragraph 3 shall not apply to: motor fuels which are covered by [ <sup>F15</sup> the Motor Fuel (Composition and Content) Regulations 10001;
	(b)	and Content) Regulations 1999]; substances and mixtures for use in industrial processes not allowing for the emission of benzene in quantities in excess of those laid down in existing legislation [ <sup>F16</sup> ;]
	(c)	[ <sup>F17</sup> natural gas placed on the market for use by consumers, provided that the concentration of benzene remains below 0,1 % volume/ volume.]
6. Asbestos fibres	[ <sup>F18</sup> 1.	The manufacture, placing on the market and use of these fibres and
(a) Crocidolite CAS No 12001-28-4	CAS No 12001-28-4 of	
(b) Amosite CAS No 12172-73-5		these fibres added intentionally is prohibited.
(c) Anthophyllite CAS No 77536-67-5	F19	

(d)	Actinolite	F19
	CAS No 77536-66-4	F19]
(e)	Tremolite	2 The use of articles containing
(f)	CAS No 77536-68-6 Chrysotile CAS No 12001-29-5 CAS No 132207-32-0	<ul> <li>2. The use of articles containing asbestos fibres referred to in paragraph 1 which were already installed and/or in service before 1 January 2005 shall continue to be permitted until they are disposed of or reach the end of their service life. However, [<sup>F20</sup>the competent appropriate authority may, after having consulted the other appropriate authorities], for reasons of protection of human health, restrict, prohibit or make subject to specific conditions, the use of such articles before they are disposed of or reach the end of their service life.</li> <li>[<sup>F21</sup>The competent appropriate authority may, after having consulted the other appropriate authority are disposed of or reach the end of their service life.</li> <li>[<sup>F21</sup>The competent appropriate authority may, after having consulted the other appropriate authorities,] allow placing on the market of articles in their entirety containing asbestos fibres referred to in paragraph 1 which were already installed and/or in service before 1 January 2005, under specific conditions ensuring a high level of protection of human</li> </ul>
		<ul> <li>health. <sup>F22</sup></li> <li>3. Without prejudice to the application of other [<sup>F23</sup>legislation] on the classification, packaging and labelling of substances and mixtures, the placing on the market and use of articles containing these fibres, as permitted according to the preceding derogations, shall be permitted only if suppliers ensure before the placing on the market that articles bear a label in accordance with Appendix 7 to this Annex.</li> </ul>
	Tris(aziridinyl)phosphinoxide No 545-55-1 o 208-892-5	1. Shall not be used in textile articles, such as garments, undergarments

		2.	and linen, intended to come into contact with the skin. Articles not complying with paragraph 1 shall not be placed on the market.
8. CAS No	Polybromobiphenyls; Polybrominatedbiphenyls (PBB) 59536-65-1	1.	Shall not be used in textile articles, such as garments, undergarments and linen, intended to come into contact with the skin.
		2.	Articles not complying with paragraph 1 shall not be placed on the market.
9. (a) (b) (c) (d) (e) (f)	Soap bark powder (Quillaja saponaria) and its derivatives containing saponines CAS No 68990-67-0 EC 273-620-4 Powder of the roots of Helleborus viridis and Helleborus niger Powder of the roots of Veratrum album and Veratrum nigrum Benzidine and/or its derivatives CAS No 92-87-5 EC No 202-199-1 o-Nitrobenzaldehyde CAS No 552-89-6 EC No 209-025-3 Wood powder	1. 2. 3.	Shall not be used, in jokes and hoaxes or in mixtures or articles intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. Jokes and hoaxes, or mixtures or articles intended to be used as such, not complying with paragraph 1 shall not be placed on the market. However, paragraphs 1 and 2 shall not apply to stink bombs containing not more than 1,5 ml of liquid.
10. (a) (b) (c)	Ammonium sulphide CAS No 12135-76-1 EC No 235-223-4 Ammonium hydrogen sulphide CAS No 12124-99-1 EC No 235-184-3 Ammonium polysulphide CAS No 9080-17-5 EC No 232-989-1	1. 2. 3.	Shall not be used, in jokes and hoaxes or in mixtures or articles intended to be used as such, for instance as a constituent of sneezing powder and stink bombs. Jokes and hoaxes, or mixtures or articles intended to be used as such, not complying with paragraph 1 shall not be placed on the market. However, paragraphs 1 and 2 shall not apply to stink bombs containing not more than 1,5 ml of liquid.

11. (a) (b) (c) (d)	Volatile esters of bromoacetic acids: Methyl bromoacetate CAS No 96-32-2 EC No 202-499-2 Ethyl bromoacetate CAS No 105-36-2 EC No 203-290-9 Propyl bromoacetate CAS No 35223-80-4 Butyl bromoacetate CAS No 18991-98-5 EC No 242-729-9	<ol> <li>Shall not be used, in jokes and hoaxes or in mixtures or articles intended to be used as such, for instance as a constituent of sneezing powder and stink bombs.</li> <li>Jokes and hoaxes, or mixtures or articles intended to be used as such, not complying with paragraph 1 shall not be placed on the market.</li> <li>However, paragraphs 1 and 2 shall not apply to stink bombs containing not more than 1,5 ml of liquid.</li> </ol>
EC No 2 13. CAS No EC No 2 14. CAS No Einecs H 15. CAS No	2-Naphthylamine 91-59-8 202-080-4 and its salts Benzidine 92-87-5 202-199-1 and its salts 4-Nitrobiphenyl 92-93-3 EC No 202-204-7 4-Aminobiphenyl xenylamine 92-67-1 EC No 202-177-1 and its salts	The following shall apply to entries 12 to 15: Shall not be placed on the market, or used, as substances or in mixtures in concentrations greater than 0,1 % by weight.
16. (a) (b)	Lead carbonates: Neutral anhydrous carbonate (PbCO <sub>3</sub> ) CAS No 598-63-0 EC No 209-943-4 Trilead-bis(carbonate)-dihydroxide 2Pb CO <sub>3</sub> -Pb(OH) <sub>2</sub> CAS No 1319-46-6 EC No 215-290-6	Shall not be placed on the market, or used, as substances or in mixtures, where the substance or mixture is intended for use as paint. [ <sup>F24</sup> However, [ <sup>F25</sup> the competent appropriate authority may, after having consulted the other appropriate authorities], in accordance with the provisions of International Labour Organization (ILO) Convention 13, permit the use <sup>F26</sup> of the substance or mixture for the restoration and maintenance of works of art and historic buildings and their interiors, as well as the placing on the market for such use. <sup>F27</sup> ]
17.	Lead sulphates:	Shall not be placed on the market, or used, as substances or in mixtures, where the

(a) (b)	PbSO <sub>4</sub> CAS No 7446-14-2 EC No 231-198-9 Pb <sub>x</sub> SO <sub>4</sub> CAS No 15739-80-7 EC No 239-831-0	substance or mixture is intended for use as paint. [ <sup>F24</sup> However, [ <sup>F28</sup> the competent appropriate authority may, after having consulted the other appropriate authorities], in accordance with the provisions of International Labour Organization (ILO) Convention 13, permit the use <sup>F29</sup> of the substance or mixture for the restoration and maintenance of works of art and historic buildings and their interiors, as well as the placing on the market for such use. <sup>F30</sup> ]
18.	Mercury compounds	<ul> <li>Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use:</li> <li>(a) to prevent the fouling by microorganisms, plants or animals of: <ul> <li>— the hulls of boats,</li> <li>— cages, floats, nets and any other appliances or equipment used for fish or shellfish farming,</li> <li>— any totally or partly submerged appliances or equipment;</li> </ul> </li> <li>(b) in the preservation of wood;</li> <li>(c) in the impregnation of heavy-duty industrial textiles and yarn intended for their manufacture;</li> <li>(d) in the treatment of industrial waters, irrespective of their use.</li> </ul>
	Mercury No 7439-97-6 o 231-106-7	<ol> <li>Shall not be placed on the market:         <ul> <li>in fever thermometers;</li> <li>in other measuring devices intended for sale to the general public (such as manometers, barometers, sphygmomanometers, thermometers other than fever thermometers).</li> </ul> </li> <li>The restriction in paragraph 1 shall not apply to measuring devices that were in use in the Community before 3 April 2009. However [<sup>F31</sup>the competent appropriate</li> </ol>

		may, after having			
		d the other appropriate			
	authorities,] restrict or prohibit the placing on the market of such				
		ng devices.			
3.		riction in paragraph 1(b) apply to:			
(a)	measurin	ng devices more than 50 l on 3 October 2007 ;			
(b)	baromete	ers (except barometers bint (a)) until 3 October			
<sup>F32</sup> 4.					
[ <sup>F33</sup> 5.	measurir industria	owing mercury-containing ag devices intended for l and professional uses shall aced on the market after 10 14 :			
(a)	baromete	-			
(b)	hygrome	-			
(c)	manome	· · · · · · · · · · · · · · · · · · ·			
$(\mathbf{d})$		sphygmomanometers; strain gauges to be used with			
(e)	•	lographs;			
(f)	tensiome				
$(\mathbf{g})$		eters and other			
(5)		trical thermometric			
	applicati				
The restr	* *	Ill also apply to measuring			
		nts (a) to (g) which are			
		ket empty if intended to be			
	th mercur				
6.	The restr not apply	riction in paragraph 5 shall to:			
(a)		omanometers to be used:			
	(i)	in epidemiological			
		studies which are ongoing			
		on 10 October 2012 ;			
	(ii)	as reference standards			
		in clinical validation			
		studies of mercury-free			
		sphygmomanometers;			
(b)		eters exclusively intended m tests according to			
	-	~			

		(c)	standards that require the use of mercury thermometers until 10 October 2017 ; mercury triple point cells which are used for the calibration of platinum resistance thermometers.
		7. (a) (b)	The following mercury-using measuring devices intended for professional and industrial uses shall not be placed on the market after 10 April 2014 : mercury pycnometers; mercury metering devices for determination of the softening point.
		8. (a) (b)	The restrictions in paragraphs 5 and 7 shall not apply to: measuring devices more than 50 years old on 3 October 2007; measuring devices which are to be displayed in public exhibitions for cultural and historical purposes.]
19.	Arsenic compounds	1. 	Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use to prevent the fouling by micro-organisms, plants or animals of: the hulls of boats, cages, floats, nets and any other appliances or equipment used for fish or shellfish farming, any totally or partly submerged appliances or equipment.
		2.	Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use in the treatment of industrial waters, irrespective of their use.
		3.	Shall not be used in the preservation of wood. Furthermore,

	wood so on the m		l shall not be	placed
4.			derogation	from
(a)	paragrap		auhatanaaa	nd
(a)			substances a preservatio	
			y only be us	
	in indust	rial inc	tallations us	ina
			sure to impre	
			e solutions o	
			ounds of the	
			nic (CCA) t	
			e authorised	
			h [ <sup>F34</sup> Articles	
			tion (EU) N	
			od so treated	
			n the market	
			preservative	
	complete			
(b)			vith CCA sol	ution
	in accord	lance v	vith point (a)	)
	may be p	laced	on the marke	et for
			d industrial u	
			ne structural	
			required for l	
	or livesto	ock saf	ety and skin	contact
	by the ge	eneral p	public during	g its
	service li			
			ictural timbe	
			and agricul	tural
			ngs, office	ustrial
		premi	ngs, and ind	usulai
	_		dges and	
			ework,	
	_		structional t	imber
			shwater areas	
			ish waters, fo	
			ple jetties an	
		bridge		
		as noi	se barriers,	
	_	in ava	lanche contr	
	—		hway safety	fencing
			arriers,	
	—		barked round	
		livest	ock fence po	sts,

	—	in earth retaining
		structures,
	—	as electric power
		transmission and
		telecommunications poles,
		as underground railway
		sleepers.
(c)	Without	prejudice to the
		on of other [ <sup>F35</sup> legislation]
		assification, packaging
		ling of substances and
		, suppliers shall ensure
		e placing on the market
		eated wood placed on
		et is individually labelled
		fessional and industrial
		on and use only, contains
		In addition, all wood
		the market in packs
		bear a label stating '
		ves when handling this
		ear a dust mask and
		ection when cutting or
		e crafting this wood. Waste
		wood shall be treated
		lous by an authorised
	undertak	0
(d)		vood referred to under
	point (a)	shall not be used:
		in residential or domestic
		constructions, whatever
		the purpose,
		in any application where
		there is a risk of repeated
		skin contact,
		in marine waters,
	_	for agricultural purposes
		other than for livestock
		fence posts and structural
		uses in accordance with
		point (b),
		in any application where
		the treated wood may
		come into contact with
		intermediate or finished
		products intended for
		products intended for

[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

		human and/or animal consumption.
	5.	Wood treated with arsenic compounds that was in use in the Community before 30 September 2007, or that was placed on the market in accordance with paragraph 4 may remain in place and continue to be used until it reaches the end of its service life.
	6. 	Wood treated with CCA type C that was in use in the Community before 30 September 2007, or that was placed on the market in accordance with paragraph 4: may be used or reused subject to the conditions pertaining to its use listed under points 4(b), (c) and (d), may be placed on the market subject to the conditions pertaining to its use listed under points 4(b), (c) and (d).
	7.	[ <sup>F36</sup> The competent appropriate authority may, after having consulted the other appropriate authorities,] allow wood treated with other types of CCA solutions that was in use in the Community before 30 September 2007: to be used or reused subject to the conditions pertaining to its use listed under points 4 (b), (c) and (d), to be placed on the market subject to the conditions pertaining to its use listed under points 4(b), (c) and (d).
Organostannic compounds	1.	Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is acting as biocide in free association paint.

20.

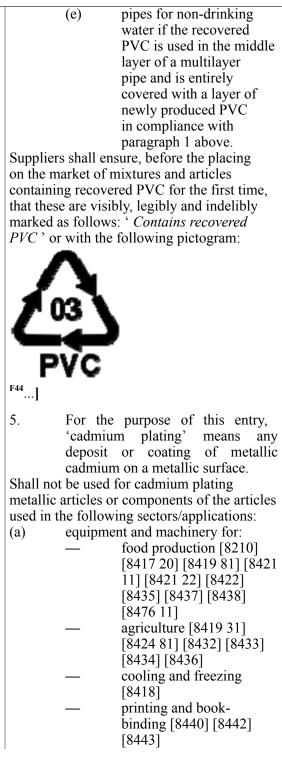
2.	Shall not be placed on the market,
	or used, as substances or in mixtures where the substance or mixture acts as biocide to prevent the fouling by micro-organisms, plants or animals of:
(a)	all craft irrespective of their length intended for use in marine, coastal, estuarine and inland waterways and lakes;
(b)	cages, floats, nets and any other appliances or equipment used for fish or shellfish farming;
(c)	any totally or partly submerged appliance or equipment.
3.	Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use in the treatment of industrial waters.
[ <sup>F37</sup> 4.	Tri-substituted organostannic compounds:
(a)	Tri-substituted organostannic compounds such as tributyltin (TBT) compounds and triphenyltin (TPT) compounds shall not be used after 1 July 2010 in articles where the concentration in the article, or part thereof, is greater than the equivalent of 0,1 % by weight of tin.
(b)	Articles not complying with point (a) shall not be placed on the market after 1 July 2010, except for articles that were already in use in the Community before that date.
5. (a)	Dibutyltin (DBT) compounds: Dibutyltin (DBT) compounds shall not be used after 1 January 2012 in mixtures and articles for supply to the general public where the concentration in the mixture or the article, or part thereof, is greater

		equivalent of 0,1 % by
(1)	weight o	
(b)		and mixtures not
		ng with point (a) shall not
		d on the market after 1
		2012, except for articles
		e already in use in the
	Commur	nity before that date.
(c)	By way o	of derogation, points
	(a) and $(b)$	b) shall not apply until
	1 Januar	y 2015 to the following
		nd mixtures for supply to
		ral public:
		one-component and
		two-component room
		temperature vulcanisation
		sealants (RTV-1 and
		RTV-2 sealants) and
		adhesives,
		paints and coatings
		containing DBT
		compounds as catalysts
		when applied on articles,
	—	soft polyvinyl chloride
		(PVC) profiles whether by
		themselves or coextruded
		with hard PVC,
	—	fabrics coated with
		PVC containing DBT
		compounds as stabilisers
		when intended for outdoor
		applications,
	_	outdoor rainwater pipes,
		gutters and fittings, as
		well as covering material
		for roofing and façades,
(d)	Du wow	of derogation, points (a)
(d)		
		hall not apply to materials
		les regulated under
	Regulation	on (EC) No 1935/2004.
6.	Dioctvlti	n (DOT) compound:
(a)	Dioctylti	n (DOT) compounds shall
(u)	not be us	ed after 1 January 2012 in
		wing articles for supply to,
		y, the general public, where
	the conce	entration in the article,

*			
	<ul> <li>or part thereof, is greater than the equivalent of 0,1 % by weight of tin:</li> <li>— textile articles intended to come into contact with the skin,</li> <li>— gloves,</li> <li>— footwear or part of footwear intended to come into contact with the skin,</li> <li>— wall and floor coverings,</li> <li>— childcare articles,</li> <li>— female hygiene products,</li> <li>— nappies,</li> <li>— two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits).</li> <li>(b) Articles not complying with point (a) shall not be placed on the market after 1 January 2012, except for articles that were already in use in the Community before that date.]</li> </ul>		
<ul> <li>21. Di-μ-oxo-di-n- butylstanniohydroxyborane/ Dibutyltin hydrogen borate C 8 H 19 BO 3 Sn (DBB)</li> <li>CAS No 75113-37-0 EC No 401-040-5</li> </ul>	Shall not be placed on the market, or used, as a substance, or in mixtures in a concentration equal to, or greater than 0,1 % by weight. However, the first paragraph shall not apply to this substance (DBB) or mixtures containing it if these are intended solely for conversion into articles, among which this substance will no longer feature in a concentration equal to or greater than 0,1 %.		
22. Pentachlorophenol CAS No 87-86-5 EC No 201-778-6 and its salts and esters	<ul> <li>Shall not be placed on the market, or used,</li> <li>as a substance,</li> <li>as a constituent in other substances, or in mixtures, in a concentration equal to or greater than 0,1 % by weight.</li> </ul>		
23. Cadmium CAS No 7440-43-9 EC No 231-152-8 and its compounds	For the purpose of this entry, the codes and chapters indicated in square brackets are the codes and chapters of the tariff and statistical nomenclature of Common Customs Tariff		

as established by Council Regulation (EEC) No 2658/87 <sup>a</sup> [ <sup>F38</sup> , as it has effect in EU law immediately before IP completion day. For the purposes of this entry that Regulation has effect as if the references to Euratom were			
omitted].			
[ <sup>F39</sup> [ <sup>F40</sup> 1.	Shall not be used in mixtures and articles produced from the following synthetic organic polymers (hereafter referred to as plastic material):		
	polymers or copolymers of vinyl chloride (PVC) [3904 10] [3904 21]		
—	polyurethane (PUR) [3909 50]		
	low-density polyethylene (LDPE), with the exception of low-		
	density polyethylene used for the production of coloured masterbatch [3901 10]		
	cellulose acetate (CA) [3912 11]		
	cellulose acetate butyrate (CAB) [3912 11]		
	epoxy resins [3907 30]		
	melamine-formaldehyde (MF) resins [3909 20]		
	urea-formaldehyde (UF) resins [3909 10]		
	unsaturated polyesters (UP) [3907 91]		
	polyethylene terephthalate (PET) [3907 60]		
	polybutylene terephthalate (PBT)		
	transparent/general-purpose		
	polystyrene [3903 11] acrylonitrile methylmethacrylate		
	(AMMA)		
	cross-linked polyethylene (VPE)		
	high-impact polystyrene		
	polypropylene (PP) [3902 10]		
	and articles produced from		
	aterial as listed above shall not be		
	n the market if the concentration of		
	a (expressed as Cd metal) is equal ater than 0,01 % by weight of the		
plastic m			
1.1.2.2.2.1.1.11			

V2				
[ <sup>X3</sup> By way of derogation, the second subparagraph shall not apply to articles placed on the market before 10 December 2011 .] F <sup>41</sup> F <sup>42</sup>				
a zinc con of the pai (expressed or greater Painted a market if (expressed than 0,1 9	Shall not be used or placed on the market in paints with codes [ 3208 ] [ 3209 ] in a concentration (expressed as Cd metal) equal to or greater than 0,01 % by weight. aints with codes [ 3208 ] [ 3209 ] with content exceeding 10 % by weight paint, the concentration of cadmium essed as Cd metal) shall not be equal to eater than 0,1 % by weight. ed articles shall not be placed on the et if the concentration of cadmium essed as Cd metal) is equal to or greater 0,1 % by weight of the paint on the ed article.]			
3.	1 and 2 s coloured	of derogation, paragraphs hall not apply to articles with mixtures containing for safety reasons.		
4.		of derogation, paragraph 1, ubparagraph shall not apply		
_	mixtures	produced from PVC preinafter referred to as '		
	recovered concentra (expresse exceed 0, plastic m	and articles containing d PVC if their ation of cadmium ed as Cd metal) does not ,1 % by weight of the aterial in the following C applications: profiles and rigid sheets for building applications; doors, windows, shutters, walls, blinds, fences, and roof gutters; decks and terraces; cable ducts;		



(b)		nt and machinery for the
	production	
	—	household goods [7321]
		[8421 12] [8450] [8509]
		[8516]
	_	furniture [8465] [8466]
		[9401] [9402] [9403]
		[9404]
		sanitary ware [7324]
	_	central heating and air
		conditioning plant [7322]
		[8403] [8404] [8415]
In any ca	ise whate	ver their use or intended
		placing on the market of
		ticles or components of
		in the sectors/applications
		and (b) above and of
		red in the sectors listed in
		prohibited.
point (0)	above is	promoted.
6.	The pro	ovisions referred to in
		h 5 shall also be applicable
		nium-plated articles or
		ents of such articles when
	used in	
		points (a) and (b) below
		rticles manufactured in the
		sted in (b) below:
(a)		nt and machinery for the
	productio	
		paper and board [8419
		32] [8439] [8441] textiles
		and clothing [8444]
		[8445] [8447] [8448]
		[8449] [8451] [8452]
(b)	equinme	nt and machinery for the
(0)	productio	on of
		industrial handling
		equipment and machinery
		[8425] [8426] [8427]
		[8428] [8429] [8430]
		[8431]
	_	road and agricultural
		vehicles [chapter 87]
	_	rolling stock [chapter 86]
	_	vessels [chapter 89]

7.	However, the restrictions in paragraphs 5 and 6 shall not apply to: articles and components of the articles used in the aeronautical, aerospace, mining, offshore and nuclear sectors whose applications require high safety standards and in safety devices in road and agricultural vehicles, rolling stock and vessels, electrical contacts in any sector of use, where that is necessary to ensure the reliability required of the apparatus on which they are installed.
[ <sup>F45</sup> 8.	Shall not be used in brazing fillers in concentration equal to or greater than 0,01 % by weight.
marke (expre than 0 For the shall n	ng fillers shall not be placed on the t if the concentration of cadmium ssed as Cd metal) is equal to or greater 01 % by weight. he purpose of this paragraph brazing mean a joining technique using alloys idertaken at temperatures above
9.	By way of derogation, paragraph 8 shall not apply to brazing fillers used in defence and aerospace applications and to brazing fillers used for safety reasons.
10.	Shall not be used or placed on the market if the concentration is equal to or greater than 0,01 % by weight of the metal in:
(i)	metal beads and other metal components for jewellery making;
(ii)	metal parts of jewellery and imitation jewellery articles and hair accessories, including: — bracelets, necklaces and rings, — piercing jewellery,

	<ul> <li>wrist-watches and wrist-wear,</li> <li>brooches and cufflinks.</li> <li>[<sup>x3</sup>11. By way of derogation, paragraph 10 shall not apply to articles placed on the market before 10 December 2011 and jewellery more than 50 years old on 10 December 2011.]]</li> </ul>			
24. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 CAS No 76253-60-6	<ol> <li>Shall not be placed on the market, or used, as a substance or in mixtures.</li> <li>Articles containing the substance shall not be placed on the market.</li> <li>By way of derogation, paragraph 1 shall not apply:         <ul> <li>(a) in the case of plant and machinery already in service on 18 June 1994, until such plant and machinery is disposed of;</li> <li>(b) in the case of the maintenance of plant and machinery already in service within a Member State on 18 June 1994.</li> </ul> </li> <li>For the purposes of point (a) [<sup>F46</sup>the competent appropriate authority may, after having consulted the other appropriate authorities], on grounds of human health protection and environmental protection, prohibit within their territory the use of such</li> </ol>			
	plant or machinery before it is disposed of.			
25. Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 Ugilec 21	Shall not be placed on the market, or used, as a substance or in mixtures. Articles containing the substance shall not be placed on the market.			
26. Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT CAS No 99688-47-8	Shall not be placed on the market, or used, as a substance or in mixtures. Articles containing the substance shall not be placed on the market.			
27. Nickel CAS No 7440-02-0	1. Shall not be used:			

EC No 231-111-4 and its compounds	(a)	in any post assemblies which are inserted into pierced ears and other pierced parts of the human body unless the rate of nickel release from such post assemblies is less than $0.2 \mu \text{g/cm}^2$ /week (migration
	(b)	limit); in articles intended to come into direct and prolonged contact with the skin such as: — earrings, — necklaces, bracelets and chains, anklets, finger rings, — wrist-watch cases, watch straps and tighteners, rivet buttons, tighteners, rivets, zippers and metal marks, when these are
		used in garments, if the rate of nickel release from the parts of these articles coming into direct and prolonged contact with the skin is greater than $0.5 \mu g/$
	(c)	cm <sup>2</sup> /week. in articles referred to in point (b) where these have a non-nickel coating unless such coating is sufficient to ensure that the rate of nickel release from those parts of such articles coming into direct and prolonged contact with the skin will not exceed 0,5 $\mu$ g/cm <sup>2</sup> /week for a period of at least two years of normal use of the article.
	2.	Articles which are the subject of paragraph 1 shall not be placed on the market unless they conform to the requirements set out in that paragraph.
	3.	The standards adopted by the European Committee for Standardisation (CEN) shall be used as the test methods for

		demonstrating the conformity of articles to paragraphs 1 and 2.
[ <sup>F47</sup> 28. 29.	<ul> <li>Substances which are classified as carcinogen category 1A or 1B in [<sup>F48</sup>the GB mandatory classification and labelling list] and are listed in Appendix 1 or Appendix 2, respectively.</li> <li>Substances which are classified as germ cell mutagen category 1A</li> </ul>	Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30: 1. Shall not be placed on the market, or used, — as substances, — as constituents of other substances, or, — in mixtures, for supply to the general public
	or 1B in [ <sup>F48</sup> the GB mandatory classification and labelling list] and are listed in Appendix 3 or Appendix 4, respectively.	when the individual concentration in the substance or mixture is equal to or greater than: — either the relevant
30.	Substances which are classified as reproductive toxicant category 1A or 1B in [ <sup>F48</sup> the GB mandatory classification and labelling list] and are listed in Appendix 5 or Appendix 6, respectively.]	<ul> <li>Specific concentration limit specific concentration limit specified in [<sup>F48</sup>the GB mandatory classification and labelling list], or,</li> <li>[<sup>F9</sup>the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.]</li> <li>Without prejudice to the implementation of other [<sup>F49</sup>legislation] relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</li> </ul>
		<ul> <li>By way of derogation, paragraph 1 shall not apply to:         <ul> <li>(a) [<sup>F50</sup>medicinal or veterinary medicinal products as defined by the Veterinary Medicines Regulations 2013 and the Human</li> </ul> </li> </ul>

[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

			Medicin 2012;]	es Regulations
		(b)		e products as
			defined 1223/20	by [ <sup>F51</sup> Regulation 09];
		(c)		wing fuels and
				motor fuels which are covered by [ <sup>F52</sup> the Motor Fuel (Composition and Content) Regulations 1999],
			_	mineral oil products intended for use as fuel in mobile or fixed combustion plants,
			_	fuels sold in closed systems (e.g. liquid gas bottles);
		(d)	-	' paints covered lation (EC) No 08;]
		(e)	[ <sup>F53</sup> the su in Appen 1, for the uses listed 11, colum a date is column the derog	ubstances listed ndix 11, column e applications or ed in Appendix mn 2. Where specified in 2 of Appendix 11, gation shall apply said date.]
Creosote; wash oil CAS No 8001-58-9 EC No 232-287-5 Creosote oil; wash oil CAS No 61789-28-4	1.	or used, mixtures or mixtu	as substants where the re is inter	d on the market, nces or in e substance nded for the l. Furthermore,

31. (a)

(b)

[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

			1 1 1 11 . 1 1 1
	EC No 263-047-8		wood so treated shall not be placed
(c)	Distillates (coal tar), naphthalene		on the market.
	oils; naphthalene oil	2.	By way of derogation from
	CAS No 84650-04-4	2.	paragraph 1:
(1)	EC No 283-484-8	(a)	The substances and mixtures
(d)	Creosote oil, acenaphthene	("	may be used for wood treatment
	fraction; wash oil		in industrial installations or by
	CAS No 90640-84-9		professionals covered by <sup>F54</sup>
	EC No 283-484-8EC No		legislation on the protection of
(-)	292-605-3		workers for in situ retreatment only
(e)	Distillates (coal tar), upper; heavy		if they contain:
	anthracene oil		(i) benzo[a]pyrene at a
	CAS No 65996-91-0		concentration of less than
(f)	EC No 266-026-1		50 mg/kg (0,005 % by
(f)	Anthracene oil CAS No 90640-80-5		weight), and
	EC No 292-602-7		(ii) water extractable phenols
$(\mathbf{q})$	Tar acids, coal, crude; crude		at a concentration of less
(g)	phenols		than 3 % by weight.
	CAS No 65996-85-2		Such substances and mixtures for
	EC No 266-019-3		use in wood treatment in industrial
(h)	Creosote, wood		installations or by professionals:
(11)	CAS No 8021-39-4		— may be placed on the
	EC No 232-419-1		market only in packaging
(i)	Low temperature tar oil, alkaline;		of a capacity equal to or
(1)	extract residues (coal), low		greater than 20 litres,
	temperature coal tar alkaline		— shall not be sold to
	CAS No 122384-78-5		consumers.
	EC No 310-191-5		Without prejudice to the
			application of other [ <sup>F55</sup> legislation]
			on the classification, packaging
			and labelling of substances
			and mixtures, suppliers shall
			ensure before the placing on the
			market that the packaging of such
			substances and mixtures is visibly,
			legibly and indelibly marked as
			follows:
			For use in industrial installations
			or professional treatment only .
		(b)	Wood treated in industrial
			installations or by professionals
			according to subparagraph (a)
			which is placed on the market
			for the first time or retreated in
		1	

situ may be used for professional and industrial use only, for

-		
	(c)	example on railways, in electric power transmission and telecommunications, for fencing, for agricultural purposes (for example stakes for tree support) and in harbours and waterways. The prohibition in paragraph 1 on the placing on the market shall not apply to wood which has been treated with substances listed in entry 31 (a) to (i) before 31 December 2002 and is placed on the second-hand market for re-use.
	3.	Treated wood referred to under paragraph 2(b) and (c) shall not be used:
	-	inside buildings, whatever their purpose,
	_	in toys,
		in playgrounds,
	_	in parks, gardens, and outdoor recreational and leisure facilities
		where there is a risk of frequent
		skin contact,
	_	in the manufacture of garden
		furniture such as picnic tables,
	_	for the manufacture and use and
		any re-treatment of: — containers intended for
		growing purposes,
		<ul> <li>packaging that may come</li> </ul>
		into contact with raw
		materials, intermediate or
		finished products destined for human and/or animal
		consumption,
		— other materials which
		may contaminate the
		articles mentioned above.
22 Chloroform		prejudice to the other parts of this
32. Chloroform CAS No 67-66-3		he following shall apply to entries
EC No 200-663-8	32 to 38	
	1.	Shall not be placed on the market,
34. 1,1,2-Trichloroethane CAS No 79-00-5		or used,
EC No 201-166-9	—	as substances,
	1	

<ul> <li>35. 1,1,2,2-Tetrachloroethane CAS No 79-34-5 EC No 201-197-8</li> <li>36. 1,1,1,2-Tetrachloroethane CAS No 630-20-6</li> <li>37. Pentachloroethane CAS No 630-20-6</li> <li>38. 1,1-Dichloroethane CAS No 75-35-4 EC No 200-864-0</li> <li>200-864-0</li> <li>21. Without prejudice to the application of other gl*8/legislation] on the classification, packaging on the classification packaging of substances and mixtures, suppliers shall ensure before the placing of substances and mixtures, suppliers shall ensure before the placing of substances and mixtures, suppliers shall ensure before the placing of substances and mixtures containing them in concentrations equal to or greater than 0,1 % by weight is visibly, legibly and indelibly marked as follows:</li> <li>For use in industrial installations only . By way of derogation this provision shall not apply to:</li> <li>(a) [<sup>#37</sup>medicinal or veterinary medicinal products as defined by the Veterinary Medicines Regulations 2013 and the Human Medicines Regulations 2012;]</li> <li>(b) cosmetic products as defined by [<sup>#36</sup>Regulation 1223/2009].</li> <li>[*940. Substances classified as flammable gases category 1 or 2, flammable liquids categoris 1, 2 or 3, flammable gases, category 1, or 2, substances of whether they appear in [<sup>#37</sup>the GB mandatory classification and labelling list] or not.]</li> <li>[*** whoope ' cushions, matificial colowebs,</li> </ul>		1	1	
<ul> <li>Just 11,1,1,2 Future interfore that is a supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics.</li> <li>CAS No 76-01-7 EC No 200-925-1</li> <li>I.1-Dichloroethene</li> <li>CAS No 75-35-4 EC No 200-864-0</li> <li>Vithout prejudice to the application of other [<sup>56</sup>legislation] on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures containing them in concentrations equal to or greater than 0,1 % by weight is visibly, legibly and indelibly marked as follows:</li> <li>For use in industrial installations only . By way of derogation this provision shall not apply to:</li> <li>(a) [<sup>FS</sup>medicinal or veterinary medicinal products as defined by the Veterinary Medicines Regulations 2012;]</li> <li>(b) cosmetic products as defined by [<sup>FSR</sup>Regulation 1223/2009].</li> <li>J<sup>F9</sup>40. Substances classified as flammable gases category 1 or 2, nammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1, or y. substances of whether they appear in [<sup>FSR</sup>He GB mandatory classification and labelling list] or not.]</li> <li>I. Shall not content, they appear in [<sup>FSR</sup>He GB mandatory classification and labelling list] or not.]</li> </ul>	CAS No EC No 2	o 79-34-5 201-197-8		equal to or greater than 0,1 % by weight,
<ul> <li>37. Pentachloroethane CAS No 76-01-7 EC No 200-925-1</li> <li>38. 1,1-Dichloroethene CAS No 75-35-4 EC No 200-864-0</li> <li>2. Without prejudice to the application of other [<sup>F56</sup>legislation] on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures containing them in concentrations equal to or greater than 0,1 % by weight is visibly, legibly and indelibly marked as follows: For use in industrial installations only . By way of derogation this provision shall not apply to:</li> <li>(a) [<sup>F57</sup>medicinal or veterinary medicinal products as defined by the Veterinary Medicines Regulations 2013 and the Human Medicines Regulations 2012;]</li> <li>(b) cosmetic products as defined by [<sup>F58</sup>Regulation 1223/2009].</li> <li>[<sup>F940</sup>. Substances classified as flammable gases category 1 or 2, flammable liquids categoris 1, 2 or 3, flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophorics oilds category 1, regardless of whether they appear in [<sup>F59</sup>the GB mandatory classification and labelling list] or not.]</li> <li>[<sup>F59</sup>the GB mandatory classification and labelling list] or not.]</li> </ul>			for supp	bly to the general public and/or is
10: 10: 10: 10: 10: 10: 10: 10: 10: 10:	CAS No	0 76-01-7	surface	cleaning and cleaning of fabrics.
Image: Point of the section of the	38. CAS No	1,1-Dichloroethene 075-35-4	<ul> <li>application of other [<sup>F56</sup>legislatio on the classification, packagin and labelling of substances ar mixtures, suppliers shall ensu before the placing on the market th the packaging of such substance and mixtures containing them concentrations equal to or great than 0,1 % by weight is visibl legibly and indelibly marked follows:</li> <li>For use in industrial installations only .</li> <li>By way of derogation this provision shall not apply to:</li> <li>(a) [<sup>F57</sup>medicinal or veterinary medicinal products as defined by the Veterinary Medicines Regulations 2013 and the Human Medicines Regulations 2012;]</li> <li>(b) cosmetic products as defined by</li> </ul>	application of other [ <sup>F56</sup> legislation] on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures containing them in concentrations equal to or greater than 0,1 % by weight is visibly, legibly and indelibly marked as follows: se in industrial installations only . of derogation this provision shall y to: [ <sup>F57</sup> medicinal or veterinary medicinal products as defined by the Veterinary Medicines Regulations 2013 and the Human Medicines Regulations 2012;] cosmetic products as defined by
— decorative flakes and foams,	[ <sup>F9</sup> 40.	gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in [ <sup>F59</sup> the GB mandatory classification and labelling list] or	1. 	Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following: metallic glitter intended mainly for decoration, artificial snow and frost, ' whoopee ' cushions, silly string aerosols, imitation excrement,
		not.]	_  _	decorative flakes and foams,

	— stink bombs.
	<ol> <li>Without prejudice to the application of other [<sup>F60</sup>legislation] on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:</li> <li>For professional users only .</li> </ol>
	<ol> <li>By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC<sup>b</sup>.</li> </ol>
	4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.
41. Hexachloroethane CAS No 67-72-1 EC No 200-666-4	Shall not be placed on the market, or used, as substance or in mixtures, where the substance or mixture is intended for the manufacturing or processing of non-ferrous metals.
F61	
43. Azocolourants and Azodyes	1. Azodyes which, by reductive cleavage of one or more azo groups, may release one or more of the aromatic amines listed in Appendix 8, in detectable concentrations, i.e. above 30 mg/kg (0,003 % by weight) in the articles or in the dyed parts thereof, according to the testing methods listed in Appendix 10, shall not be used, in textile and leather articles which may come into direct and prolonged contact with the human skin or oral cavity, such as:

1		
		clothing, bedding, towels, hairpieces, wigs, hats, nappies and other sanitary items, sleeping bags, footwear, gloves, wristwatch straps, handbags, purses/wallets, briefcases, chair covers, purses worn round the neck, textile or leather toys and toys which include textile or leather garments, yarn and fabrics intended for use by the final consumer.
	2.	Furthermore, the textile and leather articles referred to in paragraph 1 shall not be placed on the market unless they conform to the requirements set out in that paragraph.
	3.	Azodyes, which are contained in Appendix 9, 'List of azodyes' shall not be placed on the market, or used, as substances, or in mixtures in concentrations greater than 0,1 % by weight, where the substance or the mixture is intended for colouring textile and leather articles.
45. Diphenylether, octabromo derivative C <sub>12</sub> H <sub>2</sub> Br <sub>8</sub> O	1.	Shall not be placed on the market, or used: as a substance, as a constituent of other substances, or in mixtures, in concentrations greater than 0,1 % by weight.
	2.	Articles shall not be placed on the market if they, or flame-retardant parts thereof, contain this substance in concentrations greater than 0,1 % by weight.
	3.	By way of derogation, paragraph 2 shall not apply:

<ul> <li>to articles that were in use in the Community before 15 August 200         <ul> <li>to electrical and electronic equipment within the scope of I<sup>F63</sup>the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012].</li> </ul> </li> <li>46.         <ul> <li>(a) Nonylphenol C 5 H4(OH)C 9 H 19 CAS 25154-52-3 EC 246-672-0</li> <li>(b) Nonylphenol ethoxylates (C 2 H 4 O) n C 15 H 24 O</li> <li>(c) T H 4 O) n C 15 H 24 O</li> </ul> </li> <li>(b) Nonylphenol ethoxylates (C 2 H 4 O) n C 15 H 24 O</li> <li>(c) domestic cleaning systems where the washing liquid is recycled or incinerated.</li> <li>(2) domestic cleaning;</li> <li>(3) textiles and leather processing with no release into waste water, — systems with special treatment where the process water is pretreated to remove the organic fraction completely prior to biological waste water treatment (degreasing of sheepskin);</li> <li>(4) emulsifier in agricultural teat digs;</li> <li>(5) metal working except: uses in controlled closed systems where the washing liquid is recycled or incinerated.</li> <li>(6) manufacturing of pulp and paper;</li> <li>(7) cosmetic products;</li> <li>(8) other personal care products except:</li> </ul>		1		
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substances is promoted.		
	(9)	co-formulants in pesticides and biocides. However national authorisations for pesticides or biocidal products containing nonylphenol ethoxylates as co- formulant, granted before 17 July 2003, shall not be affected by this restriction until their date of expiry.
[ <sup>F64</sup> 46a. Nonylphenol ethoxylates (NPE) (C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>15</sub> H <sub>24</sub> O	1.	Shall not be placed on the market after 3 February 2021 in textile articles which can reasonably be expected to be washed in water during their normal lifecycle, in concentrations equal to or greater than 0,01 % by weight of that textile article or of each part of the textile article.
	2.	Paragraph 1 shall not apply to the placing on the market of second- hand textile articles or of new textile articles produced, without the use of NPE, exclusively from recycled textiles.
	3.	For the purposes of paragraphs 1 and 2, ' textile article ' means any unfinished, semi-finished or finished product which is composed of at least 80 % textile fibres by weight, or any other product that contains a part which is composed of at least 80 % textile fibres by weight, including products such as clothing, accessories, interior textiles, fibres, yarn, fabrics and knitted panels.]
47. Chromium VI compounds	1.	Cement and cement-containing mixtures shall not be placed on the market, or used, if they contain, when hydrated, more than 2 mg/kg (0,0002 %) soluble chromium VI of the total dry weight of the cement.
	2.	If reducing agents are used, then without prejudice to the

	application of other [ <sup>F65</sup> legislation] on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium VI below the limit indicated in paragraph 1.
3.	By way of derogation, paragraphs 1 and 2 shall not apply to the placing on the market for, and use in, controlled closed and totally automated processes in which cement and cement-containing mixtures are handled solely by machines and in which there is no possibility of contact with the skin.
[ <sup>F66</sup> 4.	The standard adopted by the European Committee for Standardization (CEN) for testing the water-soluble chromium (VI) content of cement and cement- containing mixtures shall be used as the test method for demonstrating conformity with paragraph 1.]
[ <sup>F67</sup> 5.	Leather articles coming into contact with the skin shall not be placed on the market where they contain chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry weight of the leather.
6.	Articles containing leather parts coming into contact with the skin shall not be placed on the

	market where any of those leather parts contains chromium VI in concentrations equal to or greater than 3 mg/kg (0,0003 % by weight) of the total dry weight of that leather part.	
	7. Paragraphs 5 and 6 shall not apply to the placing on the market of second-hand articles which were in end-use in the Union before 1 May 2015.]	
48. Toluene CAS No 108-88-3 EC No 203-625-9	Shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight where the substance or mixture is used in adhesives or spray paints intended for supply to the general public.	
49. Trichlorobenzene CAS No 120-82-1 EC No 204-428-0	<ul> <li>Shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight for any use except:</li> <li>as an intermediate of synthesis, or,</li> <li>as a process solvent in closed chemical applications for chlorination reactions, or,</li> <li>in the manufacture of 1,3,5-triamino — 2,4,6-trinitrobenzene (TATB).</li> </ul>	
<ul> <li>50. Polycyclic-aromatic hydrocarbons (PAH)</li> <li>(a) Benzo[a]pyrene (BaP) CAS No 50-32-8</li> <li>(b) Benzo[e]pyrene (BeP) CAS No 192-97-2</li> <li>(c) Benzo[a]anthracene (BaA) CAS No 56-55-3</li> <li>(d) Chrysen (CHR) CAS No 218-01-9</li> <li>(e) Benzo[b]fluoranthene (BbFA) CAS No 205-99-2</li> <li>(f) Benzo[j]fluoranthene (BjFA) CAS No 205-82-3</li> <li>(g) Benzo[k]fluoranthene (BkFA) CAS No 207-08-9</li> </ul>	<ol> <li>From 1 January 2010, extender oils shall not be placed on the market, or used for the production of tyres or parts of tyres if they contain:         <ul> <li>more than 1 mg/kg (0,0001 % by weight) BaP, or,</li> <li>more than 10 mg/kg (0,001 % by weight) of the sum of all listed PAHs.</li> </ul> </li> <li>[<sup>F68</sup>The standard [<sup>F69</sup>BS EN] 16143:2013 (Petroleum products — Determination of content of Benzo(a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils — Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for</li> </ol>	

(h)	Dibenzo[a,h]anthracene (DBAhA) CAS No 53-70-3	demonstrating conformity with the limits referred to in the first subparagraph. Until 23 September 2016, the limits referred to in the first subparagraph may be regarded as kept, if the polycyclic aromatics (PCA) extract is less than 3 % by weight as measured by the Institute of Petroleum standard IP 346:1998 (Determination of PCA in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method), provided that compliance with the limits of BaP and of the listed PAHs, as well as the correlation of the measured values with the PCA extract, is measured by the manufacturer or importer every six
		months or after each major operational change, whichever is earlier.] 2. Furthermore, tyres and treads
		<ul> <li>Putitientifie, types and treads for retreading manufactured after 1 January 2010 shall not be placed on the market if they contain extender oils exceeding the limits indicated in paragraph 1.</li> <li>These limits shall be regarded as kept, if the vulcanised rubber compounds do not exceed the limit of 0,35 % Bay protons as measured and calculated by ISO 21461 (Rubber vulcanised — Determination of aromaticity of oil in vulcanised rubber compounds).</li> </ul>
		3. By way of derogation, paragraph 2 shall not apply to retreaded tyres if their tread does not contain extender oils exceeding the limits referred to in paragraph 1.
		<ul> <li>[F<sup>70</sup>4. For the purpose of this entry 'tyres' shall mean tyres for vehicles covered by:</li> <li>— Regulation (EU) 2018/858 of the European Parliament and of the Council of 30 May 2018 on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and</li> </ul>

	separate technical units intended for such vehicles; — Regulation (EU) No 167/2013 of the European Parliament and of the Council on the approval and market surveillance of agricultural and forestry vehicles; — Regulation (EU) No 168/2013 of the European Parliament and of the Council on the approval and market surveillance of two- or three-wheel vehicles and quadricycles.]
[ <sup>F71</sup> 5.	Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.
Such arti	cles include amongst others:
_	sport equipment such as bicycles,
_	golf clubs, racquets household utensils, trolleys, walking frames
_	tools for domestic use
—	clothing, footwear, gloves and
—	sportswear watch-straps, wrist-bands, masks, head-bands
6.	Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/ kg (0,00005 % by weight of this

1	component) of any of the listed PAHs.
	7. By way of derogation from paragraphs 5 and 6, these paragraphs shall not apply to articles placed on the market for the first time before 27 December 2015.
	8. By 27 December 2017, the Commission shall review the limit values in paragraphs 5 and 6 in the light of new scientific information, including migration of PAHs from the articles referred to therein, and information on alternative raw materials and, if appropriate, modify these paragraphs accordingly.]
[ <sup>F72</sup> 51. Bis(2-ethylhexyl) phthalate (DEHP) CAS No.: 117-81-7 EC No.: 204-211-0 Dibutyl phthalate (DBP) CAS No.: 84-74-2 EC No.: 201-557-4 Benzyl butyl phthalate (BBP) CAS No.: 85-68-7	1. Shall not be used as substances or in mixtures, individually or in any combination of the phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material, in toys and childcare articles.
EC No.: 201-622-7 Diisobutyl phthalate (DIBP) CAS No.: 84-69-5 EC No.: 201-553-2	<ul> <li>2. Shall not be placed on the market in toys or childcare articles, individually or in any combination of the first three phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material.</li> <li>In addition, DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles in dividually or in articles in a dividually or in articles in articles in a dividually or in articles in a dividual or articles or articles a</li></ul>
	articles, individually or in any combination with the first three phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material.
	3. Shall not be placed on the market after 7 July 2020 in articles,

	individually or in any combination of the phthalates listed in column 1 of this entry, in a concentration equal to or greater than 0,1 % by weight of the plasticised material in the article.
4. (a)	Paragraph 3 shall not apply to: articles exclusively for industrial or agricultural use, or for use exclusively in the open air, provided that no plasticised material comes into contact with human mucous membranes or into
(b)	prolonged contact with human skin; aircraft, placed on the market before 7 January 2024, or articles, whenever placed on the market, for use exclusively in the maintenance or repair of those aircraft, where those articles are essential for the safety and airworthiness of the
(c)	aircraft; motor vehicles within the scope of [ <sup>F73</sup> Regulation (EU) 2018/858 of the European Parliament and of the Council of 30 May 2018 on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles], placed on the market before 7 January 2024, or articles, whenever placed on the market, for use exclusively in the maintenance or repair of those vehicles, where the vehicles cannot function as intended without those articles;
(d)	articles placed on the market before 7 July 2020;
(e)	measuring devices for laboratory use, or parts thereof;
(f)	materials and articles intended to come into contact with food within the scope of Regulation

	(EC) No 1935/2004 or Commission
	Regulation (EU) No 10/2011 ";
(g)	[ <sup>F74</sup> relevant] medical devices <sup>F75</sup> ,
(h)	or parts thereof;
(h)	electrical and electronic equipment
	within the scope of $[^{F76}$ the
	Restriction of the Use of Certain
	Hazardous Substances in Electrical
	and Electronic Equipment
(i)	Regulations 2012];
(1)	the immediate packaging of medicinal products within the scope
	of [ <sup>F77</sup> the Veterinary Medicines
	Regulations 2013 or the Human Medicines Regulations 2012];
(j)	toys and childcare articles covered
0)	by paragraphs 1 or 2.
-	
5.	For the purposes of paragraphs 1, 2, 3 and 4(a),
(a)	' plasticised material ' means any
(u)	of the following homogeneous
	materials:
	— polyvinyl
	chloride (PVC),
	polyvinylidene chloride
	(PVDC), polyvinyl acetate
	(PVA), polyurethanes,
	— any other polymer
	(including, inter alia,
	polymer foams and rubber
	material) except silicone
	rubber and natural latex
	coatings,
	— surface coatings, non-slip coatings, finishes, decals,
	printed designs,
	- adhesives, sealants,
	paints and inks.
(b)	' prolonged contact with human
	skin' means continuous contact of
	more than 10 minutes duration or
	intermittent contact over a period of
	30 minutes, per day.
(c)	' childcare article ' shall mean any
	product intended to facilitate sleep,
	relaxation, hygiene, the feeding of

			children or sucking on the part of children.
		6.	For the purposes of paragraph 4(b), 'aircraft' means one of the following:
		(a) (b)	a civil aircraft produced in accordance with a type certificate issued under [ <sup>F78</sup> Regulation (EU) 2018/1139] or with a design approval issued under the national regulations of a contracting State of the International Civil Aviation Organisation (ICAO), or for which a certificate of airworthiness has been issued by an ICAO contracting State under Annex 8 to the Convention on International Civil Aviation, signed on December 7, 1944, in Chicago; a military aircraft.]
52.	The following phthalates (or other CAS- and EC numbers covering the substance):	1.	Shall not be used as substances or in mixtures, in concentrations greater than 0,1 % by weight of
(a)	Di- ' isononyl ' phthalate (DINP) CAS No 28553-12-0 and 68515-48-0 EC No 249-079-5 and 271-090-9		the plasticised material, in toys and childcare articles which can be placed in the mouth by children.
(b)	Di- ' isodecyl ' phthalate (DIDP) CAS No 26761-40-0 and 68515-49-1 EC No 247-977-1 and 271-091-4	2.	Such toys and childcare articles containing these phthalates in a concentration greater than 0,1 % by weight of the plasticised material shall not be placed on the market.
(c)	Di-n-octyl phthalate (DNOP) CAS No 117-84-0 EC No 204-214-7	<sup>F79</sup> 3.	
	LC 1NU 204-214-7	4.	For the purpose of this entry ' childcare article ' shall mean any product intended to facilitate sleep, relaxation, hygiene, the feeding of children or sucking on the part of children.
F62			
54.	2-(2-methoxyethoxy)ethanol (DEGME)	June 20	ot be placed on the market after 27 10, for supply to the general public, stituent of paints, paint strippers,

CAS No 111-77-3 EC No 203-906-6	cleaning agents, self-shining emulsions or floor sealants in concentrations equal to or greater than 0,1 % by weight.	
55. 2-(2-butoxyethoxy)ethanol (DEGBE) CAS No 112-34-5 EC No 203-961-6	1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight.	
	2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.	
	<ul> <li>Without prejudice to other F80 legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows:</li> <li>Do not use in paint spraying equipment .</li> </ul>	
<ul> <li>[<sup>F24</sup>56. Methylenediphenyl diisocyanate (MDI)</li> <li>CAS No 26447-40-5</li> <li>EC No 247-714-0</li> <li>including the following specific isomers:</li> <li>(a) 4,4'-Methylenediphenyl diisocyanate: CAS No 101-68-8</li> <li>EC No 202-966-0;</li> <li>(b) 2,4'-Methylenediphenyl diisocyanate: CAS No 5873-54-1</li> <li>EC No 227-534-9;</li> </ul>	<ol> <li>Shall not be placed on the market after 27 December 2010, as a constituent of mixtures in concentrations equal to or greater than 0,1 % by weight of MDI for supply to the general public, unless suppliers shall ensure before the placing on the market that the packaging:         <ul> <li>(a) contains protective gloves which comply with the requirements of [<sup>F81</sup>Regulation (EU) 2016/425];</li> </ul> </li> </ol>	

(c)	2,2'-Methylenediphenyl diisocyanate: CAS No 2536-05-2 EC No 219-799-4]	(b)	<ul> <li>is marked visibly, legibly and indelibly as follows, and without prejudice to other <sup>F82</sup> legislation concerning the classification, packaging and labelling of substances and mixtures:</li> <li>— Persons already sensitised to diisocyanates may develop allergic reactions when using this product.</li> <li>— Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.</li> <li>— This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard [<sup>F83</sup>BS EN] 14387) is used.</li> </ul>
		2.	By way of derogation, paragraph 1(a) shall not apply to hot melt adhesives.
	Cyclohexane No 110-82-7 o 203-806-2	1.	Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of neoprene- based contact adhesives in concentrations equal to or greater than 0,1 % by weight in package sizes greater than 350 g.
		2.	Neoprene-based contact adhesives containing cyclohexane and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.
		3.	Without prejudice to other <sup>F84</sup> legislation concerning the

*		
		classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that neoprene- based contact adhesives containing cyclohexane in concentrations equal to or greater than 0,1 % by weight that are placed on the market for supply to the general public after 27 December 2010 are visibly, legibly and indelibly marked as follows: This product is not to be used under conditions of poor ventilation. This product is not to be used for carpet laying.
58. Ammonium nitrate (AN) CAS No 6484-52-2 EC No 229-347-8	1.	Shall not be placed on the market for the first time after 27 June 2010 as a substance, or in mixtures that contain more than 28 % by weight of nitrogen in relation to ammonium nitrate, for use as a solid fertiliser, straight or compound, unless the fertiliser complies with the technical provisions for ammonium nitrate fertilisers of high nitrogen content set out in Annex III to Regulation (EC) No 2003/2003 of the European Parliament and of the Council <sup>j</sup> .
	2.	Shall not be placed on the market after 27 June 2010 as a substance, or in mixtures that contain 16 % or more by weight of nitrogen in relation to ammonium nitrate except for supply to:
	(a)	downstream users and distributors, including natural or legal persons licensed or authorised in accordance with [ <sup>F85</sup> the retained EU law that transposed Directive 2014/28/EU];
	(b)	farmers for use in agricultural activities, either full time or part

substances is promoted.		
		<ul> <li>time and not necessarily related to the size of the land area.</li> <li>For the purposes of this subparagraph: <ul> <li>(i) 'farmer' shall mean a natural or legal person, or a group of natural or legal person, or a group of natural or legal persons, whatever legal status is granted to the group and its members <sup>F86</sup>, whose holding is situated within [<sup>F87</sup>Great Britain], and who exercises an agricultural activity;</li> <li>(ii) 'agricultural activity' shall mean the production, rearing or growing of agricultural products including harvesting, milking, breeding animals and keeping animals for farming purposes, or maintaining the land in good agricultural and environmental condition</li> </ul> </li> </ul>
	(c)	natural or legal persons engaged in professional activities such as horticulture, plant growing in greenhouses, maintenance of parks, gardens or sport pitches, forestry or other similar activities.
	<sup>F89</sup> 3.	
[ <sup>F37</sup> 59. Dichloromethane CAS No 75-09-2 EC No: 200-838-9	1.	Paint strippers containing dichloromethane in a concentration equal to or greater than 0,1 % by weight shall not be:
	(a)	placed on the market for the first time for supply to the general public or to professionals after 6 December 2010;
	(b)	placed on the market for supply to the general public or to

	professionals after 6 December
	2011;
(c)	used by professionals after 6 June 2012.
	For the purposes of this entry:
	(i) 'professional' means
	any natural or legal
	person, including workers and self-employed
	workers undertaking paint
	stripping in the course of
	their professional activity
	outside an industrial installation;
	(ii) 'industrial installation '
	means a facility used for
	paint stripping activities.
2.	By way of derogation from
	paragraph 1, [ <sup>F90</sup> the competent
	appropriate authority may, after
	having consulted the other appropriate authorities,] allow <sup>F91</sup>
	for certain activities the use, by
	specifically trained professionals,
	of paint strippers containing
	dichloromethane and may allow the placing on the market of such
	paint strippers for supply to those
	professionals.
	rogation shall define appropriate
	ns for the protection of the health y of those professionals using paint
	containing dichloromethane <sup>F93</sup>
	ovisions shall include a requirement
	ofessional shall hold a certificate
	provide other documentary evidence
	fect, <sup>F95</sup> , so as to demonstrate
	aining and competence to safely use ppers containing dichloromethane.
F96	ppers containing diemotomethane.
3.	<sup>F97</sup> The training referred to in
	paragraph 2 shall cover as a
	minimum:
(a)	awareness, evaluation and management of risks to health,
	inanagement of fisks to neutril,

	including information on existing
	substitutes or processes, which
	under their conditions of use are
	less hazardous to the health and
	safety of workers;
(b)	use of adequate ventilation;
(c)	use of appropriate personal
	protective equipment that
	complies with [ <sup>F98</sup> Regulation (EU)
	2016/425].
	rs and self-employed workers shall
	y replace dichloromethane with a
	agent or process which, under its
condition	ns of use, presents no risk, or a lower
risk, to th	he health and safety of workers.
Professio	onal shall apply all relevant safety
measures	s in practice, including the use of
	protective equipment.
4.	Without prejudice to other
	<sup>F99</sup> legislation on workers
	protection, paint strippers containing
	dichloromethane in concentrations
	equal to or greater than 0,1 % by
	weight may be used in industrial
	installations only if the following
	minimum conditions are met:
(a)	effective ventilation in all
(a)	
	processing areas, in particular
	for the wet processing and the
	drying of stripped articles: local
	exhaust ventilation at strip tanks
	supplemented by forced ventilation
	in those areas, so as to minimise
	exposure and to ensure compliance,
	where technically feasible, with
	relevant occupational exposure
a	limits;
(b)	measures to minimise evaporation
	from strip tanks comprising: lids
	for covering strip tanks except
	during loading and unloading;
	suitable loading and unloading
	arrangements for strip tanks; and
	wash tanks with water or brine
	to remove excess solvent after
	unloading;

		(c) (d)	measures for the safe handling of dichloromethane in strip tanks comprising: pumps and pipework for transferring paint stripper to and from strip tanks; and suitable arrangements for safe cleaning of tanks and removal of sludge; personal protective equipment that complies with [ <sup>F100</sup> Regulation (EU) 2016/425] comprising: suitable protective gloves, safety goggles and protective clothing; and appropriate respiratory protective equipment where compliance with relevant occupational exposure limits cannot be otherwise
		(e)	achieved; adequate information, instruction and training for operators in the use of such equipment.
		[F102appro	Without prejudice to other $[^{F101}$ legislation] concerning the classification, labelling and packaging of substances and mixtures, by 6 December 2011 paint strippers containing dichloromethane in a concentration equal to or greater than 0,1 % by weight shall be visibly, legibly and indelibly marked as follows: ted to industrial use and to oved] professionals $^{F103}$ — verify e is allowed. ']
[ <sup>F104</sup> 60. CAS No	Acrylamide 79-06-1	a substan	be placed on the market or used as acce or constituent of mixtures in a ation, equal to or greater than 0,1 % at for grouting applications after 5 er 2012.]
[ <sup>F105</sup> 61.	Dimethylfumarate (DMF) CAS No 624-49-7 EC 210-849-0	thereof in kg. Articles of DMF in o	be used in articles or any parts n concentrations greater than 0,1 mg/ or any parts thereof containing concentrations greater than 0,1 mg/ not be placed on the market.]

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[ <sup>F106</sup> 62. (a) (b) (c) (d) (e)	Phenylmercury acetate EC No: 200-532-5 CAS No: 62-38-4 Phenylmercury propionate EC No: 203-094-3 CAS No: 103-27-5 Phenylmercury 2-ethylhexanoate EC No: 236-326-7 CAS No: 13302-00-6 Phenylmercury octanoate EC No: - CAS No: 13864-38-5 Phenylmercury neodecanoate EC No: 247-783-7 CAS No: 26545-49-3	1.	Shall not be manufactured, placed on the market or used as substances or in mixtures after 10 October 2017 if the concentration of mercury in the mixtures is equal to or greater than 0,01 % by weight. Articles or any parts thereof containing one or more of these substances shall not be placed on the market after 10 October 2017 if the concentration of mercury in the articles or any part thereof is equal to or greater than 0,01 % by weight.]
$[^{F3}63.$ and its c	Lead CAS No 7439-92-1 EC No 231-100-4 compounds	1.	Shall not be placed on the market or used in any individual part of jewellery articles if the concentration of lead (expressed as metal) in such a part is equal to or greater than 0,05 % by weight.
		2. (i) (ii)	<ul> <li>For the purposes of paragraph 1:</li> <li>'jewellery articles ' shall include jewellery and imitation jewellery articles and hair accessories, including:</li> <li>(a) bracelets, necklaces and rings;</li> <li>(b) piercing jewellery;</li> <li>(c) wrist watches and wristwear;</li> <li>(d) brooches and cufflinks;</li> <li>' any individual part ' shall include the materials from which the jewellery is made, as well as the individual components of the jewellery articles.</li> </ul>
		3.	Paragraph 1 shall also apply to individual parts when placed on the market or used for jewellery- making.

4.	By way of derogation, paragraph 1			
	shall not apply to:			
(a)	crystal glass as defined in [ <sup>F107</sup> the Crystal Glass (Descriptions)			
	Regulations 1973];			
(b)	internal components of watch			
	timepieces inaccessible to consumers;			
(c)	non-synthetic or reconstructed			
(0)	precious and semiprecious stones			
	(CN code 7103, as established			
	by Regulation (EEC) No 2658/87			
	[ <sup>F108</sup> as it has effect in EU law			
	immediately before IP completion			
	day]), unless they have been			
	treated with lead or its compounds			
	or mixtures containing these			
( <b>1</b> )	substances;			
(d)	enamels, defined as vitrifiable			
	mixtures resulting from the fusion,			
	vitrification or sintering of minerals melted at a temperature of at least			
	500 °C.			
5.	By way of derogation, paragraph 1			
	shall not apply to jewellery articles			
	placed on the market for the first time before 9 October 2013 and			
	jewellery articles produced before			
	10 December 1961.			
7400				
<sup>F109</sup> 6.				
[ <sup>F4</sup> 7.	Shall not be placed on the market			
1 ''	or used in articles supplied to the			
	general public, if the concentration			
	of lead (expressed as metal) in those			
	articles or accessible parts thereof			
	is equal to or greater than 0,05 %			
	by weight, and those articles or			
	accessible parts thereof may, during normal or reasonably foreseeable			
	conditions of use, be placed in the			
	mouth by children.			
That lim	it shall not apply where it can			
	nstrated that the rate of lead			
release from such an article or any such				

accessible part of an article, whether coate or uncoated, does not exceed 0,05 $\mu$ g/cm <sup>2</sup> per hour (equivalent to 0,05 $\mu$ g/g/h), and, f coated articles, that the coating is sufficient to ensure that this release rate is not exceed for a period of at least two years of normal reasonably foreseeable conditions of use o the article. For the purposes of this paragraph, it is considered that an article or accessible par of an article may be placed in the mouth by children if it is smaller than 5 cm in one dimension or has a detachable or protrudin part of that size.	
8. (a)	By way of derogation, paragraph 7 shall not apply to: jewellery articles covered by
(b)	paragraph 1; crystal glass as defined in [ <sup>F110</sup> the Crystal Glass (Descriptions) Regulations 1973];
(c)	non-synthetic or reconstructed precious and semi-precious stones (CN code 7103 as established by Regulation (EEC) No 2658/87 [ <sup>F111</sup> as it has effect in EU law immediately before IP completion day]) unless they have been treated with lead or its compounds or mixtures containing these substances;
(d)	enamels, defined as vitrifiable mixtures resulting from the fusion, vitrification or sintering of mineral melted at a temperature of at least 500 °C;
(e)	keys and locks, including padlocks;
(f)	musical instruments;
(g)	articles and parts of articles comprising brass alloys, if the concentration of lead (expressed as metal) in the brass alloy does not exceed 0,5 % by weight;
(h) (i)	the tips of writing instruments; religious articles;

<b>A</b>	(j)	portable zinc-carbon batteries and
		button cell batteries;
	(k)	articles within the scope of:
		(i) [ <sup>F112</sup> the retained EU law that transposed] Directive 94/62/EC;
		(ii) Regulation (EC) No 1935/2004;
		(iii) [ <sup>F113</sup> the Toys (Safety) Regulations 2011];
		(iv) [ <sup>F114</sup> the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.]
	9.	By 1 July 2019, the [ <sup>F115</sup> Agency] shall re-evaluate paragraphs 7 and 8(e), (f), (i) and (j) of this entry in the light of new scientific information, including the availability of alternatives and the migration of lead from the articles referred to in paragraph 7, including the requirement on coating integrity, and, if appropriate, [ <sup>F116</sup> make recommendations to the Secretary of State].
	10.	By way of derogation paragraph 7 shall not apply to articles placed on the market for the first time before 1 June 2016 .]]
[ <sup>F117</sup> 64. 1,4-dichlorobenzene CAS No 106-46-7 EC No 203-400-5	as a subs in a cond 1 % by v mixture used as a	t be placed on the market or used, stance or as a constituent of mixtures centration equal to or greater than weight, where the substance or the is placed on the market for use or an air freshener or deodoriser in nomes, offices or other indoor public
[ <sup>F118</sup> 65. Inorganic ammonium salts	1.	Shall not be placed on the market, or used, in cellulose insulation mixtures or cellulose insulation articles after 14 July 2018 unless the emission of ammonia from

	those mixtures or articles results in a concentration of less than 3 ppm				
	by volume $(2,12 \text{ mg/m}^3)$ under the test conditions specified in				
	the test conditions specified in				
	paragraph 4.				
	A supplier of a cellulose insulation				
	mixture containing inorganic				
	ammonium salts shall inform				
	the recipient or consumer of the				
	maximum permissible loading rate				
	of the cellulose insulation mixture,				
	expressed in thickness and density.				
	A downstream user of a cellulose				
	insulation mixture containing				
	inorganic ammonium salts				
	shall ensure that the maximum				
	permissible loading rate				
	communicated by the supplier is				
	not exceeded.				
2.	By way of derogation, paragraph				
	1 shall not apply to placing on				
	the market of cellulose insulation				
	mixtures intended to be used solely				
	for the production of cellulose				
	insulation articles, or to the use of				
	those mixtures in the production of				
	cellulose insulation articles.				
3.	F119				
4.	Compliance with the emission				
ч.	limit specified in the first				
	subparagraph of paragraph 1 shall				
	be demonstrated in accordance with				
	Technical Specification [ $^{F120}$ BS EN				
	16516: 2017], adapted as follows:				
	(a) the duration of the test				
	shall be at least 14 days				
	instead of 28 days;				
	(b) the ammonia gas				
	emission shall be				
	measured at least once per				
	day throughout the test;				
	(c) the emission limit				
	shall not be reached				
	or exceeded in any				
	or exceeded in any measurement taken during				

	<ul> <li>(d) the relative humidity shall be 90 % instead of 50 %;</li> <li>(e) an appropriate method to measure the ammonia gas emission shall be used;</li> <li>(f) the loading rate, expressed in thickness and density, shall be recorded during the sampling of the cellulose insulation mixtures or articles to be tested.]</li> </ul>
[ <sup>F121</sup> 66. Bisphenol A CAS No 80-05-7 EC No 201-245-8	Shall not be placed on the market in thermal paper in a concentration equal to or greater than 0,02 % by weight after 2 January 2020 .]
[ <sup>F6</sup> [ <sup>x2</sup> 67. Bis(pentabromophenyl)ether (decabromodiphenyl ether; decaBDE) CAS No 1163-19-5 EC No 214-604-9	<ol> <li>Shall not be manufactured or placed on the market as a substance on its own after 2 March 2019.</li> <li>Shall not be used in the production of, or placed on the market in:         <ul> <li>(a) another substance, as a constituent;</li> <li>(b) a mixture;</li> <li>(c) an article, or any part thereof,</li> <li>in a concentration equal to or greater than 0,1 % by weight, after 2 March 2019.</li> </ul> </li> <li>Paragraphs 1 and 2 shall not apply to a substance, constituent of another substance or mixture that is to be used, or is used:         <ul> <li>(a) in the production of an aircraft before 2 March 2027.</li> <li>(b) in the production of spare parts for either of the following:                 <ul> <li>(i) an aircraft produced before 2 March 2027 ;</li> <li>(ii) motor vehicles within the scope of</li> <li>(ii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(ii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(ii) motor vehicles</li> <li>(iii) motor vehicles</li> <li>(ii) motor vehicles</li> <li>(iii) motor vehicle</li></ul></li></ul></li></ol>

4.		the follow	[ <sup>F122</sup> Regulation (EU) 2018/858 of the European Parliament and of the Council], agricultural and forestry vehicles within the scope of Regulation (EU) No 167/2013 of the European Parliament and of the Council <sup>r</sup> or machinery within the scope of [ <sup>F123</sup> the Supply of Machinery (Safety) Regulations 2008], produced before 2 March 2019. shall not apply ving: laced on the
	(b)		efore 2 March
	(0)	in accord	ance with raph 3(a);
	(c)	spare par vehicles produced	ts of aircraft, or machines l in accordance baragraph 3(b);
	(d)	electrical equipment the scope Restriction of Certain Substance and Elect	and electronic
5.		' means c	f this entry one of the

	<ul> <li>(a) a civil aircraft produced in accordance with a type certificate issued under [<sup>F125</sup>Regulation (EU) 2018/1139 of the European Parliament and of the Council] or with a design approval issued under the national regulations of a contracting State of the International Civil Aviation Organisation (ICAO), or for which a certificate of airworthiness has been issued by an ICAO contracting State under Annex 8 to the Convention on International Civil Aviation; a military aircraft.]]</li> </ul>
F126	F126
[ <sup>F127</sup> [ <sup>X4</sup> 69.Methanol CAS No 67-56-1 EC No 200-659-6	Shall not be placed on the market to the general public after 9 May 2019 in windscreen washing or defrosting fluids, in a concentration equal to or greater than 0,6 % by weight.]]
[ <sup>F128</sup> 70. Octamethylcyclotetrasiloxane (D4) CAS No 556-67-2 EC No 209-136-7 Decamethylcyclopentasiloxane (D5) CAS No 541-02-6	1. Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020.
EC No 208-764-9	2. For the purposes of this entry, ' wash-off cosmetic products ' means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.]

	mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020 unless manufacturers, importers and downstream users have included in the relevant chemical safety reports and safety data sheets, Derived No- Effect Levels (DNELs) relating to exposure of workers of 14,4 mg/ m <sup>3</sup> for exposure by inhalation and 4,8 mg/kg/day for dermal exposure.
2.	Shall not be manufactured, or used, as a substance on its own or in mixtures in a concentration equal to or greater than 0,3 % after 9 May 2020 unless manufacturers and downstream users take the appropriate risk management measures and provide the appropriate operational conditions to ensure that exposure of workers is below the DNELs specified in paragraph 1.
3.	By way of derogation from paragraphs 1 and 2, the obligations laid down therein shall apply from 9 May 2024 in relation to placing on the market for use, or use, as a solvent or reactant in the process of coating wires.]
1. (a) (b)	Shall not be placed on the market after 1 November 2020 in any of the following: clothing or related accessories; textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing; footwear;
]	1. (a)

[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

if the clothing, related accessory, textile other than clothing or footwear is for use by consumers and the substance is present in a concentration, measured in homogeneous material, equal to or greater than that specified for that substance in Appendix 12. By way of derogation, in relation 2. to the placing on the market of formaldehyde [CAS No 50-00-0] in jackets, coats or upholstery, the relevant concentration for the purposes of paragraph 1 shall be 300 mg/kg during the period between 1 November 2020 and 1 November 2023. The concentration specified in Appendix 12 shall apply thereafter. 3. Paragraph 1 shall not apply to: (a) clothing, related accessories or footwear, or parts of clothing, related accessories or footwear, made exclusively of natural leather, fur or hide; non-textile fasteners and non-(b) textile decorative attachments; second-hand clothing, related (c) accessories, textiles other than clothing or footwear (d) wall-to-wall carpets and textile floor coverings for indoor use, rugs and runners. 4. Paragraph 1 shall not apply to clothing, related accessories, textiles other than clothing, or footwear within the scope of Regulation (EU) 2016/425 of the European Parliament and of the Council (\*)  $[^{F131}$ , Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices as it has effect in EU law] or [<sup>F132</sup>The Medical Devices Regulations 2002].

	5.	Paragraph 1(b) shall not apply to disposable textiles. 'Disposable textiles ' means textiles that are designed to be used only once or for a limited time and are not intended for subsequent use for the same or a similar purpose.
	6.	Paragraphs 1 and 2 shall apply without prejudice to the application of any stricter restrictions set out in this Annex or in other applicable <sup>F133</sup> legislation.
	7.	The [ <sup>F134</sup> Secretary of State] shall review the exemption in paragraph 3(d) <sup>F135</sup>
	(*)	Regulation (EU) 2016/425 of the European Parliament and of the Council of of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/ EEC (OJ L 81, 31.3.2016, p. 51).]
[ <sup>F136</sup> 73. (3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl) silanetriol Any of its mono-, di- or tri-O-(alkyl) derivatives (TDFAs)	1.	Shall not be placed on the market for supply to the general public after 2 January 2021 individually or in any combination, in a concentration equal to or greater than 2 ppb by weight of the mixtures containing organic solvents, in spray products.
	2.	For the purpose of this entry, ' spray products ' means aerosol dispensers, pump sprays, trigger sprays, marketed for proofing or impregnation spray applications.
	3.	Without prejudice to the implementation of other Union provisions concerning the classification, packaging and labelling of substances and mixtures, the packaging of spray products containing (3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl) silanetriol

	<u>^</u>		
		4.	and/or TDFAs combined with organic solvents as referred to in paragraph 1 and placed on the market for professional use shall be marked clearly and indelibly: ' for professional users only ' and ' Fatal if inhaled ' with the pictogram GHS06. Section 2.3 of Safety Data Sheets shall contain the following information: ' mixtures of (3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl) silanetriol and/or any of its mono-, di- or tri-O-(alkyl) derivatives in a concentration equal to or greater than 2 ppb and organic solvents in spray products, are for professional users only and marked " Fatal if inhaled " '. Organic solvents referred to in paragraph 1, 3, and 4 include organic solvents used as aerosol propellants.]
[ <sup>F137</sup> 74.	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length	1.	<ul> <li>Shall not be used as substances on their own, as a constituent in other substances or in mixtures for industrial and professional use(s) after 24 August 2023, unless:</li> <li>(a) the concentration of diisocyanates individually and in combination is less than 0,1 % by weight, or</li> <li>(b) the employer or self- employed ensures that industrial or professional user(s) have successfully completed training on the safe use of diisocyanates prior to the use of the substance(s) or mixture(s).</li> <li>Shall not be placed on the market as substances on their own, as a constituent in other substances or in mixtures for industrial</li> </ul>

	and prof	essional use(s) after 24
		2022, unless:
	(a)	the concentration of
	(u)	diisocyanates individually
		and in combination is less
		than 0,1 % by weight, or
	(b)	
	(b)	the supplier ensures
		that the recipient of
		the substance(s) or
		mixture(s) is provided
		with information on the
		requirements referred to
		in point (b) of paragraph
		1 and the following
		statement is placed on the
		packaging, in a manner
		that is visibly distinct
		from the rest of the label
		information: 'As from
		24 August 2023 adequate
		training is required before
		industrial or professional
	<b>F</b> (1	use'.
3.		urpose of this entry '
		l and professional user(s) '
		y worker or self-employed
		andling diisocyanates
		own, as a constituent in
		ostances or in mixtures for
		l and professional use(s) or
		ng these tasks.
4.		ing referred to in
		of paragraph 1 shall
		he instructions for the
		f dermal and inhalation
		to diisocyanates at the
		e without prejudice to
		onal occupational exposure
		ue or other appropriate
	risk man	agement measures at
		level. Such training shall
		icted by an expert on
		onal safety and health with
		nce acquired by relevant
		al training. That training
	shall cov	er as a minimum:

(a)	the training elements in point (a) of paragraph		
	5 for all industrial and		
	professional use(s).		
(b)		ing elements	
	in points	s(a) and $(b)$	
	of parag	raph 5 for the	
	following uses:		
	—	handling	
		open mixtures	
		at ambient	
		temperature	
		(including foam	
		tunnels);	
	—	spraying in a	
		ventilated booth;	
	—	application by	
		roller;	
	—	application by	
		brush;	
	—	application by	
		dipping and	
		pouring;	
	—	mechanical	
		post treatment	
		(e.g. cutting) of	
		not fully cured	
		articles which	
		are not warm	
		anymore;	
	—	cleaning and	
		waste;	
		any other uses	
		with similar	
		exposure	
		through the	
		dermal and/or	
( )		inhalation route;	
(c)		ing elements	
		s (a), (b) and (c)	
		raph 5 for the	
	followin		
	—	handling	
		incompletely	
		cured articles	
		(e.g. freshly	

			-
			cured, still
			warm);
		—	foundry
			applications;
		—	maintenance
			and repair that
			needs access to
			equipment;
		_	open handling
			of warm or hot
			formulations (>
			45 °C);
			spraying in
			open air, with
			limited or
			only natural
			ventilation
			(includes
			large industry
			working halls)
			and spraying
			with high energy
			(e.g. foams,
			elastomers);
			, ·
		_	and any other
			uses with
			similar exposure
			through the
			dermal and/or
-			inhalation route.
5.	•	elements	
	(a)		training,
		includin	g on-line training,
		on:	
		—	chemistry of
			diisocyanates;
		—	toxicity hazards
			(including acute
			toxicity);
		—	exposure to
			diisocyanates;
			occupational
			exposure limit
			values;
			how
			how sensitisation can
		_	

	odour as
	indication of
	hazard;
	· · ·
	importance of
	volatility for
	risk;
	viscosity,
	temperature,
	and molecular
	weight of
	diisocyanates;
	personal
	hygiene;
	personal
	protective
	•
	equipment
	needed,
	including
	practical
	instructions
	for its correct
	use and its
	limitations;
_	risk of dermal
	contact and
	inhalation
	exposure;
	risk in relation
	to application
	process used;
—	skin and
	inhalation
	protection
	scheme;
	ventilation;
	cleaning,
—	
	leakages,
	maintenance;
—	discarding
	empty
	packaging;
_	protection of
	bystanders;
	identification of
	critical handling
	stages;
	stages,

		specific national
		code systems (if
		applicable);
	—	behaviour-
		based safety;
	—	certification
		or documented
		proof that
		training has been
		successfully
		completed
(b)	interme	diate level
	training	, including on-line
	training	
	_ 0	additional
		behaviour-based
		aspects;
	_	maintenance;
	_	management of
		change;
		evaluation of
		existing safety
		instructions;
	_	risk in relation
		to application
		process used;
		certification
		or documented
		proof that
		training has been
		successfully
	- <b>J</b> _	completed
(c)		d training,
		g on-line training,
	on:	11
		any additional
		certification
		needed for the
		specific uses
		covered;
	—	spraying outside
		a spraying
		booth;
	_	open handling
		of hot or warm
		formulations (>
		45 °C);

[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

		— certification	
		or documented	
		proof that	
		training has been	
		successfully	
		completed	
	6.	[ <sup>F138</sup> The training:	
		a must comply with any	
		other requirements	
		contained in any other	
		legislation that relate to	
		the delivery of the training	
		elements referred to in	
		paragraph 5, and	
		b is in addition to any other	
		training required by any	
		other legislation.]	
	7.	The supplier referred to in point	
		(b) of paragraph 2 shall ensure	
		that the recipient is provided with	
		training material and courses	
		pursuant to paragraphs 4 and 5	
		<sup>F139</sup> The training shall take into	
		consideration the specificity of	
		the products supplied, including	
		composition, packaging, and	
		design.	
	8.	The employer or self-employed	
	shall document the successful		
		completion of the training referred	
		to in paragraphs 4 and 5. The	
		training shall be renewed at least	
		every five years.	
	9.	[ <sup>F140</sup> The Agency] shall include	
		in $[^{F141}$ its report] pursuant to	
		Article $[^{F142}117(2)]$ the following	
		information:	
		(a) $F^{143}$	
		(b) the number of cases of	
		reported and recognised	
		occupational asthma and	
		occupational respiratory	
		and dermal diseases in	
		relation to diisocyanates;	
		(c) F143	
	l	······	

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[<sup>F1</sup>For substances which have been incorporated in this Annex as a consequence of restrictions adopted in the framework of Directive 76/769/EEC (Entries 1 to 58), the restrictions shall not apply to storage, keeping, treatment, filling into containers, or transfer from one container to another of these substances for export, unless the manufacture of the substances is prohibited.

		10.	prejudi on the p	information about enforcement activities related to this restriction. striction shall apply without ce to other <sup>F144</sup> legislation protection of safety and of workers at the workplace.]	
a	OJ L 256, 7.9.1987, p. 42 .				
b	OJ L 147, 9.6.1975, p. 40 .				
c	OJ L 37, 13.2.2003, p. 19 .				
d	OJ L 263, 9.10.2007, p. 1 .				
e	OJ L 171, 9.7.2003, p. 1 .				
f	OJ L 124, 9.5.2002, p. 1 .				
g	OJ L 24, 29.1.2008, p. 8 .				
h	OJ L 104, 8.4.2004, p. 1 .				
i	OJ L 399, 30.12.1989, p. 18.				
j	OJ L 304, 21.11.2003, p. 1 .				
k	OJ L 121, 15.5.1993, p. 20.				
1	OJ L 270, 21.10.2003, p. 1 .				
m	OJ L 365, 31.12.1994, p. 10.				
n	[ <sup>F3</sup> OJ L 326, 29.12.1969, p. 36 .]				
0	[ <sup>F4</sup> Directive 2009/48/EC of the European Parliament and of the Council of 18 June 2009 on the safety of toys ( OJ L 170, 30.6.2009, p. 1 ).				
р	Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (OJ L 174, 1.7.2011, p. 88).]				
q	[ <sup>F5</sup> Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control) ( OJ L 334, 17.12.2010, p. 17 ).]				
r	[ <sup>F6</sup> Regulation (EU) No 167/2013 of the European Parliament and of the Council of 5 February 2013 on the approval and market surveillance of agricultural and forestry vehicles (OL L 60, 2.3.2013, p. 1).				
s	Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC ( OJ L 157, 9.6.2006, p. 24 ).				
t	[ <sup>x2</sup> Regulation (EC) No 216/2008 of the European Parliament and of the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/ EEC, Regulation (EC) No 1592/2002 and Directive 2004/36/EC (OJL 79, 19.3.2008, p. 1).]]				
u	[ <sup>F7</sup> Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food ( OJ L 12, 15.1.2011, p. 1 ).]]				

## **Editorial Information**

**X2** Substituted by Corrigendum to Commission Regulation (EU) 2017/227 of 9 February 2017 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards bis(pentabromophenyl)ether (Official Journal of the European Union L 35 of 10 February 2017).

- X3 Substituted by Corrigendum to Commission Regulation (EU) No 494/2011 of 20 May 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Cadmium) (Official Journal of the European Union L 134 of 21 May 2011).
- X4 Substituted by Corrigendum to Commission Regulation (EU) 2018/589 of 18 April 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards methanol (Official Journal of the European Union L 99 of 19 April 2018).

## **Textual Amendments**

- **F3** Inserted by Commission Regulation (EU) No 836/2012 of 18 September 2012 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards lead (Text with EEA relevance).
- F4 Inserted by Commission Regulation (EU) 2015/628 of 22 April 2015 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ('REACH') as regards lead and its compounds (Text with EEA relevance).
- F5 Inserted by Commission Regulation (EU) 2016/1005 of 22 June 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards asbestos fibres (chrysotile) (Text with EEA relevance).
- **F6** Inserted by Commission Regulation (EU) 2017/227 of 9 February 2017 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards bis(pentabromophenyl)ether (Text with EEA relevance).
- **F7** Inserted by Commission Regulation (EU) 2018/2005 of 17 December 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards bis(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP) and diisobutyl phthalate (DIBP) (Text with EEA relevance).
- F8 Substituted by Commission Regulation (EU) No 276/2010 of 31 March 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (dichloromethane, lamp oils and grill lighter fluids and organostannic compounds) (Text with EEA relevance).
- F9 Substituted by Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
- F10 Deleted by Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
- F11 Words in Annex 17 Table Entry 3 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 14(2); 2020 c. 1, Sch. 5 para. 1(1)
- F12 Word in Annex 17 Table Entry 3 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 14(3); 2020 c. 1, Sch. 5 para. 1(1)
- **F13** Words in Annex 17 Table Entry 3 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 14(4); 2020 c. 1, Sch. 5 para. 1(1)
- F14 Word in Annex 17 Table Entry 3 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 14(5); 2020 c. 1, Sch. 5 para. 1(1)

- **F15** Words in Annex 17 Table Entry 5 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 15**; 2020 c. 1, Sch. 5 para. 1(1)
- **F16** Substituted by Commission Regulation (EU) 2015/1494 of 4 September 2015 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards benzene (Text with EEA relevance).
- **F17** Inserted by Commission Regulation (EU) 2015/1494 of 4 September 2015 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards benzene (Text with EEA relevance).
- **F18** Substituted by Commission Regulation (EU) 2016/1005 of 22 June 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards asbestos fibres (chrysotile) (Text with EEA relevance).
- F19 Words in Annex 17 Table Entry 6 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 16(2); 2020 c. 1, Sch. 5 para. 1(1)
- **F20** Words in Annex 17 Table Entry 6 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 16(3)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- F21 Words in Annex 17 Table Entry 6 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 16(3)(b)(i); 2020 c. 1, Sch. 5 para. 1(1)
- F22 Words in Annex 17 Table Entry 6 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 16(3)(b)(ii); 2020 c. 1, Sch. 5 para. 1(1)
- **F23** Word in Annex 17 Table Entry 6 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 16(4)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F24** Substituted by Commission Regulation (EU) No 126/2013 of 13 February 2013 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- F25 Words in Annex 17 Table Entry 16 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 17(a); 2020 c. 1, Sch. 5 para. 1(1)
- F26 Words in Annex 17 Table Entry 16 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 17(b); 2020 c. 1, Sch. 5 para. 1(1)
- F27 Words in Annex 17 Table Entry 16 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 17(c); 2020 c. 1, Sch. 5 para. 1(1)
- **F28** Words in Annex 17 Table Entry 17 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 17(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F29** Words in Annex 17 Table Entry 17 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 17(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F30** Words in Annex 17 Table Entry 17 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 17(c)**; 2020 c. 1, Sch. 5 para. 1(1)
- F31 Words in Annex 17 Table Entry 18a substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 18; 2020 c. 1, Sch. 5 para. 1(1)
- **F32** Deleted by Commission Regulation (EU) No 847/2012 of 19 September 2012 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards mercury (Text with EEA relevance).
- **F33** Inserted by Commission Regulation (EU) No 847/2012 of 19 September 2012 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards mercury (Text with EEA relevance).
- **F34** Words in Annex 17 Table Entry 19 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 19(2)(a)**; 2020 c. 1, Sch. 5 para. 1(1)

- **F35** Word in Annex 17 Table Entry 19 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 19(2)(b); 2020 c. 1, Sch. 5 para. 1(1)
- **F36** Words in Annex 17 Table Entry 19 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 19(3)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F37** Inserted by Commission Regulation (EU) No 276/2010 of 31 March 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (dichloromethane, lamp oils and grill lighter fluids and organostannic compounds) (Text with EEA relevance).
- **F38** Words in Annex 17 Table Entry 23 inserted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 20(a) (as amended by S.I. 2020/1313, regs. 1(3), 6(2)); 2020 c. 1, Sch. 5 para. 1(1)
- **F39** Substituted by Commission Regulation (EU) No 494/2011 of 20 May 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Cadmium) (Text with EEA relevance).
- F40 Substituted by Commission Regulation (EU) No 835/2012 of 18 September 2012 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Cadmium) (Text with EEA relevance).
- F41 Words in Annex 17 Table Entry 23 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 20(b)(i); 2020 c. 1, Sch. 5 para. 1(1)
- F42 Words in Annex 17 Table Entry 23 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 20(b)(ii); 2020 c. 1, Sch. 5 para. 1(1)
- **F43** Substituted by Commission Regulation (EU) 2016/217 of 16 February 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards cadmium (Text with EEA relevance).
- **F44** Words in Annex 17 Table Entry 23 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 20(c)**; 2020 c. 1, Sch. 5 para. 1(1)
- F45 Inserted by Commission Regulation (EU) No 494/2011 of 20 May 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Cadmium) (Text with EEA relevance).
- F46 Words in Annex 17 Table Entry 24 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 21; 2020 c. 1, Sch. 5 para. 1(1)
- **F47** Substituted by Commission Regulation (EU) 2018/675 of 2 May 2018 amending the Appendices to Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards CMR substances (Text with EEA relevance).
- F48 Words in Annex 17 Table Entries 28-30 substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 7(a)(i) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2, para. 2(f)); 2020 c. 1, Sch. 5 para. 1(1)
- **F49** Word in Annex 17 Table Entries 28-30 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 22(2)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F50** Words in Annex 17 Table Entries 28-30 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 22(3)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F51** Words in Annex 17 Table Entries 28-30 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 22(3)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F52** Words in Annex 17 Table Entries 28-30 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 22(3)(c)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F53** Inserted by Commission Regulation (EU) No 109/2012 of 9 February 2012 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation,

Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (CMR substances) (Text with EEA relevance).

- **F54** Word in Annex 17 Table Entry 31 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 23(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F55** Word in Annex 17 Table Entry 31 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 23(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F56** Word in Annex 17 Table Entries 32-38 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 24(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F57** Words in Annex 17 Table Entries 32-38 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 24(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F58** Words in Annex 17 Table Entries 32-38 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 24(c); 2020 c. 1, Sch. 5 para. 1(1)
- F59 Words in Annex 17 Table Entry 40 substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 7(b) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(f)); 2020 c. 1, Sch. 5 para. 1(1)
- **F60** Word in Annex 17 Table Entry 40 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 25**; 2020 c. 1, Sch. 5 para. 1(1)
- **F61** Deleted by Commission Regulation (EU) No 126/2013 of 13 February 2013 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- **F62** Deleted by Commission Regulation (EU) No 207/2011 of 2 March 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Diphenylether, pentabromo derivative and PFOS).
- **F63** Words in Annex 17 Table Entry 45 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 26**; 2020 c. 1, Sch. 5 para. 1(1)
- **F64** Inserted by Commission Regulation (EU) 2016/26 of 13 January 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards nonylphenol ethoxylates (Text with EEA relevance).
- **F65** Word in Annex 17 Table Entry 47 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 27**; 2020 c. 1, Sch. 5 para. 1(1)
- **F66** Inserted by Commission Regulation (EU) No 126/2013 of 13 February 2013 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- F67 Inserted by Commission Regulation (EU) No 301/2014 of 25 March 2014 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards chromium VI compounds (Text with EEA relevance).
- **F68** Substituted by Commission Regulation (EU) 2015/326 of 2 March 2015 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards polycyclic aromatic hydrocarbons and phthalates (Text with EEA relevance).
- **F69** Words in Annex 17 Table Entry 50 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 28(2)**; 2020 c. 1, Sch. 5 para. 1(1)
- F70 Words in Annex 17 Table Entry 50 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 28(3) (as amended by S.I. 2020/818, reg. 1(b), Sch. 6 para. 41(2)(a) (with Sch. 4 paras. 16, 17)); 2020 c. 1, Sch. 5 para. 1(1)
- **F71** Inserted by Commission Regulation (EU) No 1272/2013 of 6 December 2013 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards polycyclic aromatic hydrocarbons (Text with EEA relevance).

- **F72** Substituted by Commission Regulation (EU) 2018/2005 of 17 December 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards bis(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP) and diisobutyl phthalate (DIBP) (Text with EEA relevance).
- F73 Words in Annex 17 Table Entry 51 substituted (31.12.2020) by S.I. 2019/758, Sch. 3 para. 28A(2) (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, 5(2) (as amended by S.I. 2020/818, reg. 1(b), Sch. 6 para. 42(2) (with Sch. 4 paras. 16, 17) and S.I. 2020/1577, regs. 1(1)(a), 13(2))); 2020 c. 1, Sch. 5 para. 1(1))
- F74 Word in Annex 17 Entry 51 inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 8(2)(a)
- **F75** Words in Annex 17 Entry 51 omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **8(2)(b)**
- F76 Words in Annex 17 Table Entry 51 substituted (31.12.2020) by S.I. 2019/758, Sch. 3 para. 28A(4) (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, 5(2) (as amended by S.I. 2020/1577, regs. 1(1)(a), 13(2))); 2020 c. 1, Sch. 5 para. 1(1))
- F77 Words in Annex 17 Table Entry 51 substituted (31.12.2020) by S.I. 2019/758, Sch. 3 para. 28A(5) (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, 5(2) (as amended by S.I. 2020/1577, regs. 1(1)(a), 13(2))); 2020 c. 1, Sch. 5 para. 1(1))
- **F78** Words in Annex 17 Table Entry 51 substituted (31.12.2020) by S.I. 2019/758, **Sch. 3 para. 28A(6)** (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, **5(2)** (as amended by S.I. 2020/1577, regs. 1(1)(a), **13(2)**)); 2020 c. 1, **Sch. 5 para. 1(1)**)
- **F79** Deleted by Commission Regulation (EU) 2015/326 of 2 March 2015 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards polycyclic aromatic hydrocarbons and phthalates (Text with EEA relevance).
- **F80** Word in Annex 17 Table Entry 55 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 29**; 2020 c. 1, Sch. 5 para. 1(1)
- **F81** Words in Annex 17 Table Entry 56 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 30(2); 2020 c. 1, Sch. 5 para. 1(1)
- **F82** Word in Annex 17 Table Entry 56 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 30(3)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F83** Words in Annex 17 Table Entry 56 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 30(3)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F84** Word in Annex 17 Table Entry 57 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 31**; 2020 c. 1, Sch. 5 para. 1(1)
- **F85** Words in Annex 17 Table Entry 58 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 32(2)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F86** Words in Annex 17 Table Entry 58 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 32(3)(a)(i); 2020 c. 1, Sch. 5 para. 1(1)
- F87 Words in Annex 17 Table Entry 58 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 32(3)(a)(ii) (as amended by S.I. 2020/1577, regs. 1(1)(b), 7(7)); 2020 c. 1, Sch. 5 para. 1(1)
- **F88** Words in Annex 17 Table Entry 58 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 32(3)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F89** Words in Annex 17 Table Entry 58 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 32(4); 2020 c. 1, Sch. 5 para. 1(1)
- **F90** Words in Annex 17 Table Entry 59 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(2)(a)(i)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F91** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 33(2)(a)(ii); 2020 c. 1, Sch. 5 para. 1(1)

- **F92** Word in Annex 17 Table Entry 59 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(2)(b)(i)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F93** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(2)(b)(ii)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F94** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(2)(c)(i)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F95** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 33(2)(c)(ii); 2020 c. 1, Sch. 5 para. 1(1)
- **F96** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(2)(d)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F97** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(3)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F98** Words in Annex 17 Table Entry 59 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(3)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F99** Word in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(4)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F100** Words in Annex 17 Table Entry 59 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(4)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F101** Word in Annex 17 Table Entry 59 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 33(5)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F102** Word in Annex 17 Table Entry 59 inserted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 33(5)(b)(i); 2020 c. 1, Sch. 5 para. 1(1)
- **F103** Words in Annex 17 Table Entry 59 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 33(5)(b)(ii); 2020 c. 1, Sch. 5 para. 1(1)
- **F104** Inserted by Commission Regulation (EU) No 366/2011 of 14 April 2011 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII (Acrylamide) (Text with EEA relevance).
- **F105** Inserted by Commission Regulation (EU) No 412/2012 of 15 May 2012 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- **F106** Inserted by Commission Regulation (EU) No 848/2012 of 19 September 2012 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards phenylmercury compounds (Text with EEA relevance).
- **F107** Words in Annex 17 Table Entry 63 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 34(2)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F108** Words in Annex 17 Table Entry 63 inserted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 34(3) (as amended by S.I. 2020/1313, regs. 1(3), 6(2)); 2020 c. 1, Sch. 5 para. 1(1)
- **F109** Words in Annex 17 Table Entry 63 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 34(4)**; 2020 c. 1, Sch. 5 para. 1(1)
- F110 Words in Annex 17 Table Entry 63 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 34(5); 2020 c. 1, Sch. 5 para. 1(1)
- **F111** Words in Annex 17 Table Entry 63 inserted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 34(6) (as amended by S.I. 2020/1313, regs. 1(3), 6(2)); 2020 c. 1, Sch. 5 para. 1(1)
- F112 Words in Annex 17 Table Entry 63 inserted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 34(7)(a); 2020 c. 1, Sch. 5 para. 1(1)

- **F113** Words in Annex 17 Table Entry 63 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 34(7)(b); 2020 c. 1, Sch. 5 para. 1(1)
- F114 Words in Annex 17 Table Entry 63 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 34(7)(c); 2020 c. 1, Sch. 5 para. 1(1)
- **F115** Word in Annex 17 Table Entry 63 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 34(8)(a)**; 2020 c. 1, Sch. 5 para. 1(1)
- **F116** Words in Annex 17 Table Entry 63 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 34(8)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- F117 Inserted by Commission Regulation (EU) No 474/2014 of 8 May 2014 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ('REACH') as regards 1,4-dichlorobenzene (Text with EEA relevance).
- **F118** Inserted by Commission Regulation (EU) 2016/1017 of 23 June 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards inorganic ammonium salts (Text with EEA relevance).
- F119 Words in Annex 17 Table Entry 65 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 35(a); 2020 c. 1, Sch. 5 para. 1(1)
- **F120** Words in Annex 17 Table Entry 65 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 35(b); 2020 c. 1, Sch. 5 para. 1(1)
- F121 Inserted by Commission Regulation (EU) 2016/2235 of 12 December 2016 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards bisphenol A (Text with EEA relevance).
- **F122** Words in Annex 17 Table Entry 67 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 36(2)(a)** (as amended by S.I. 2020/818, reg. 1(b), Sch. 6 para. 41(2)(b) (with Sch. 4 paras. 16, 17)); 2020 c. 1, **Sch. 5 para. 1(1)**
- **F123** Words in Annex 17 Table Entry 67 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 36(2)(b)**; 2020 c. 1, Sch. 5 para. 1(1)
- F124 Words in Annex 17 Table Entry 67 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 36(3); 2020 c. 1, Sch. 5 para. 1(1)
- F125 Words in Annex 17 Table Entry 67 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 36(4); 2020 c. 1, Sch. 5 para. 1(1)
- F126 Deleted by Commission Regulation (EU) 2020/2096 of 15 December 2020 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as regards carcinogenic, mutagenic or reproductive toxicant (CMR) substances, devices covered by Regulation (EU) 2017/745 of the European Parliament and of the Council, persistent organic pollutants, certain liquid substances or mixtures, nonylphenol and testing methods for azocolourants (Text with EEA relevance)
- F127 Inserted by Commission Regulation (EU) 2018/589 of 18 April 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards methanol (Text with EEA relevance).
- **F128** Inserted by Commission Regulation (EU) 2018/35 of 10 January 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards octamethylcyclotetrasiloxane ('D4') and decamethylcyclopentasiloxane ('D5') (Text with EEA relevance).
- **F129** Inserted by Commission Regulation (EU) 2018/588 of 18 April 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards 1-methyl-2-pyrrolidone (Text with EEA relevance).

- **F130** Inserted by Commission Regulation (EU) 2018/1513 of 10 October 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards certain substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR), category 1A or 1B (Text with EEA relevance).
- F131 Words in Annex 17 Entry 72 inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 8(4)
- F132 Words in Annex 17 Table Entry 72 substituted (31.12.2020) by S.I. 2019/758, Sch. 3 para. 37A(2) (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, 5(4) (as amended by S.I. 2020/1577, regs. 1(1)(a), 13(2)); 2020 c. 1, Sch. 5 para. 1(1))
- **F133** Word in Annex 17 Table Entry 72 omitted (31.12.2020) by virtue of S.I. 2019/758, **Sch. 3 para. 37A(3)** (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, **5(4)** (as amended by S.I. 2020/1577, regs. 1(1)(a), **13(2)**); 2020 c. 1, **Sch. 5 para. 1(1)**)
- F134 Words in Annex 17 Table Entry 72 substituted (31.12.2020) by S.I. 2019/758, Sch. 3 para. 37A(4)(a) (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, 5(4) (as amended by S.I. 2020/1577, regs. 1(1)(a), 13(2)); 2020 c. 1, Sch. 5 para. 1(1))
- F135 Words in Annex 17 Table Entry 72 omitted (31.12.2020) by virtue of S.I. 2019/758, Sch. 3 para. 37A(4)(b) (as inserted by The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 (S.I. 2019/1144), regs. 1, 5(4) (as amended by S.I. 2020/1577, regs. 1(1)(a), 13(2)); 2020 c. 1, Sch. 5 para. 1(1))
- **F136** Inserted by Commission Regulation (EU) 2019/957 of 11 June 2019 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol and TDFAs (Text with EEA relevance).
- **F137** Inserted by Commission Regulation (EU) 2020/1149 of 3 August 2020 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards diisocyanates (Text with EEA relevance).
- F138 Words in Annex 17 Entry 74 substituted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 8(5)(a)
- **F139** Words in Annex 17 Entry 74 omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **8(5)(b)**
- F140 Words in Annex 17 Entry 74 substituted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 8(5)(c)(i)
- F141 Words in Annex 17 Entry 74 substituted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 8(5)(c)(ii)
- F142 Word in Annex 17 Entry 74 substituted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 8(5)(c)(iii)
- **F143** Words in Annex 17 Entry 74 omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **8(5)(d)**
- **F144** Word in Annex 17 Entry 74 omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **8(5)(e)**

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#### [<sup>F1</sup>FORE**Workin** ations of column headings U.K.

Substances:

The name corresponds to the International Chemical Identification used for the substance in [<sup>F145</sup>the GB mandatory classification and labelling list].

#### **Textual Amendments**

F145 Words in Annex 17 Appendices substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 8(2) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(g)); 2020 c. 1, Sch. 5 para. 1(1)

Whenever possible, substances are designated by their IUPAC names. Substances listed in Einecvs (European Inventory of Existing Commercial Chemical Substances), Elincs (European List of Notified Substances) or the list of 'No-longer-polymers' are designated using the names in these lists. Other names, such as usual or common names, are included in some cases. Whenever possible, plant protection products and biocides are designated by their ISO names. *Entries for groups of substances*:

A number of group entries are included in [<sup>F146</sup>the GB mandatory classification and labelling list]. In these cases, the classification requirements will apply to all substances covered by the description.

#### **Textual Amendments**

F146 Words in Annex 17 Appendices substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 8(3)(a) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(g)); 2020 c. 1, Sch. 5 para. 1(1)

In some cases, there are classification requirements for specific substances that would be covered by the group entry. In such cases a specific entry is included in [<sup>F146</sup>the GB mandatory classification and labelling list] for the substance and the group entry will be annotated with the phrase 'except those specified [<sup>F147</sup>elsewhere in the GB mandatory classification and labelling list]'.

#### **Textual Amendments**

F147 Words in Annex 17 Appendices substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 8(3)(b) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(g)); 2020 c. 1, Sch. 5 para. 1(1)

In some cases, individual substances may be covered by more than one group entry. In these cases, the classification of the substance reflects the classification for each of the two group entries. In cases where different classifications for the same hazard are given, the most severe classification will be applied. *Index number*:

The Index number is the identification code given to the substance in [<sup>F148</sup>the GB mandatory classification and labelling list]. Substances are listed in the Appendix according to this index number.

#### **Textual Amendments**

F148 Words in Annex 17 Appendices substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 8(4) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(g)); 2020 c. 1, Sch. 5 para. 1(1)

#### EC numbers:

The EC number, i.e. Einecs, Elincs or NLP, is the official number of the substance within the European Union. The Einecs number can be obtained from the European Inventory of Existing Commercial Chemical Substance (Einecs). The Elincs number can be obtained from the European List of Notified Substances. The NLP number can be obtained from the list of ' No-longer-polymers '. These lists are published by the Office for Official Publications of the European Communities.

The EC number is a seven-digit system of the type XXX-XXX-X which starts at 200-001-8 (Einecs), at 400-010-9 (Elincs) and at 500-001-0 (NLP). This number is indicated in the column entitled ' EC No ' . CAS number:

Chemical Abstracts Service (CAS) numbers have been defined for substances to help in their identification. Notes:

The full text of the notes can be found in Part 1 of Annex VI to Regulation (EC) No 1272/2008.

The notes to be taken into account for the purposes of this Regulation are the following: Note A:

> Without prejudice to Article 17(2) of Regulation (EC) No 1272/2008, the name of the substance must appear on the label in the form of one of the designations given in [<sup>F149</sup>the GB mandatory classification and labelling list].

> In that Part, use is sometimes made of a general description such as ' ... compounds ' or ' ... salts '. In this case, the supplier who places such a substance on the market is required to state on the label the correct name, due account being taken of Section 1.1.1.4 of Annex VI to Regulation (EC) No 1272/2008.

#### $I^{F53}$ Note B:

Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations.] Note C:

Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. *Note D:* 

Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in [<sup>F150</sup>the GB mandatory classification and labelling list].

However, such substances are sometimes placed on the market in a non-stabilised form. In this case, supplier who places such a substance on the market must state on the label the name of the substance followed by the words ' non-stabilised '. *Note J:* 

The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EC No 200-753-7). *Note K:* 

The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EC No 203-450-8). *Note L:* 

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. *Note M*:

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,005 % w/w benzo[a]-pyrene (EC No 200-028-5). *Note N:* 

The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. *Note P*:

The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EC No 200-753-7). *Note R:* 

The classification as a carcinogen need not apply to fibres with a length weighted geometric mean diameter, less two standard errors, greater than  $6\mu$ m.]

#### **Textual Amendments**

- F149 Words in Annex 17 Appendices substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 8(5) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(g)); 2020 c. 1, Sch. 5 para. 1(1)
- F150 Words in Annex 17 Appendices substituted (31.12.2020) by The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/720), reg. 1(2), Sch. 2 para. 8(6) (as amended by S.I. 2020/1567, reg. 1(2), Sch. 2 para. 2(g)); 2020 c. 1, Sch. 5 para. 1(1)

Appendix 1 U.K.

[<sup>F1</sup>Entry 28 — Carcinogens: category 1A <sup>F151</sup>.../category 1 <sup>F151</sup>...]

ANNEX XVII Table 2: rows 1 - 50

ANNEX XVII Table 2: rows 51 - 100

ANNEX XVII Table 2: rows 101 - 150

ANNEX XVII Table 2: rows 151 - 200

ANNEX XVII Table 2: rows 201 - 250

ANNEX XVII Table 2: rows 251 - 300

ANNEX XVII Table 2: rows 301 - 332

Appendix 2 U.K.

[<sup>F1</sup>Entry 28 — Carcinogens: category 1B <sup>F152</sup>.../category 2 <sup>F152</sup>...]

ANNEX XVII Table 3: rows 1 - 50

ANNEX XVII Table 3: rows 51 - 100

ANNEX XVII Table 3: rows 101 - 150

ANNEX XVII Table 3: rows 151 - 200

ANNEX XVII Table 3: rows 201 - 250

ANNEX XVII Table 3: rows 251 - 300

ANNEX XVII Table 3: rows 301 - 350

ANNEX XVII Table 3: rows 351 - 400

ANNEX XVII Table 3: rows 401 - 450

ANNEX XVII Table 3: rows 451 - 500

ANNEX XVII Table 3: rows 501 - 550

ANNEX XVII Table 3: rows 551 - 600

ANNEX XVII Table 3: rows 601 - 650

ANNEX XVII Table 3: rows 651 - 700

ANNEX XVII Table 3: rows 701 - 750

ANNEX XVII Table 3: rows 751 - 800

ANNEX XVII Table 3: rows 801 - 829

Appendix 3 U.K.

[<sup>F1</sup>Entry 29 — Mutagens: category 1A <sup>F153</sup>.../category 1 <sup>F153</sup>...]

Appendix 4 U.K.

[<sup>F1</sup>Entry 29 — Mutagens: category 1B <sup>F154</sup>.../category 2 <sup>F154</sup>...]

ANNEX XVII Table 4: rows 1 - 50

ANNEX XVII Table 4: rows 51 - 100

ANNEX XVII Table 4: rows 101 - 150

ANNEX XVII Table 4: rows 151 - 200

ANNEX XVII Table 4: rows 201 - 250

ANNEX XVII Table 4: rows 251 - 300

ANNEX XVII Table 4: rows 301 - 350

ANNEX XVII Table 4: rows 351 - 400

ANNEX XVII Table 4: rows 401 - 429

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[ <sup>F1</sup> Entry 30 —	- Toxic to reproduction:	category 1A <sup>F</sup>	category 1	<sup>F155</sup> ]
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Substances	Index No	EC No	CAS No	Notes
Carbon monoxide	006-001-00-2	211-128-3	630-08-0	
Lead hexafluorosilicate	009-014-00-1	247-278-1	25808-74-6	
[ <sup>F53</sup> Slimes and sludges, copper electrolyte refining, decopperised	028-015-00-8	305-433-1	94551-87-8	
Silicic acid, lead nickel salt	028-050-00-9	_	68130-19-8 ]	
Lead compounds with the exception of those specified elsewhere in this Annex	082-001-00-6			A [ <sup>F156</sup> , E]
Lead alkyls	082-002-00-1			A [ <sup>F156</sup> , E]
Lead azide	082-003-00-7	236-542-1	13424-46-9	
Lead chromate	082-004-00-2	231-846-0	7758-97-6	
Lead di(acetate)	082-005-00-8	206-104-4	301-04-2	
Trilead bis(orthophosphat	082-006-00-3 e)	231-205-5	7446-27-7	
Lead acetate	082-007-00-9	215-630-3	1335-32-6	
Lead(II) methanesulphonat	082-008-00-4 e	401-750-5	17570-76-2	
C.I. Pigment Yellow 34; (This substance is identified in the Colour Index by Colour Index Constitution No C.I. 77603.)	082-009-00-X	215-693-7	1344-37-2	
C.I. Pigment Red 104; (This substance is identified in the Colour Index	082-010-00-5	235-759-9	12656-85-8	

by Colour Index Constitution No C.I. 77605.)				
Lead hydrogen arsenate	082-011-00-0	232-064-2	7784-40-9	
[ <sup>F157</sup> Lead powder; [particle diameter < 1 mm]	082-013-00-1	231-100-4	7439-92-1	
Lead massive: [particle diameter ≥ 1 mm]	082-014-00-7	231-100-4	7439-92-1 ]	
1,2-Dibromo-3- chloropropane	602-021-00-6	202-479-3	96-12-8	
2-bromopropane	602-085-00-5	200-855-1	75-26-3	[ <sup>F156</sup> E]
[ <sup>F158</sup> Warfarin (ISO); 4-hydroxy-3- (3-oxo-1- phenylbutyl)-2H- chromen-2-one; [1] (S)-4- hydroxy-3- (3-oxo- 1- phenylbutyl)-2- benzopyrone; [2] (R)-4- hydroxy-3- (3-oxo- 1- phenylbutyl)-2- benzopyrone [3]	607-056-00-0	201-377-6 [1] 226-907-3 [2] 226-908-9 [3]	81-81-2 [1] 5543-57-7 [2] 5543-58-8 [3] ]	
[ <sup>F157</sup> Brodifacoum (ISO); 4-hydroxy-3- (3-(4'-bromo-4- biphenylyl)-1,2,3, tetrahydro-1- naphthyl)coumari		259-980-5	56073-10-0 ]	
Lead 2,4,6- trinitroresorcinoxi lead styphnate	609-019-00-4 de,	239-290-0	15245-44-0	

Appendix 6 U.K.

[<sup>F1</sup>Entry 30 — Toxic to reproduction: category 1B <sup>F159</sup>.../category 2 <sup>F159</sup>...]

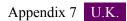
ANNEX XVII Table 6: rows 1 - 50

ANNEX XVII Table 6: rows 51 - 100

ANNEX XVII Table 6: rows 101 - 150

ANNEX XVII Table 6: rows 151 - 200

ANNEX XVII Table 6: rows 201 - 241



Special provisions on the labelling of articles containing asbestos

- 1. All articles containing asbestos or the packaging thereof must bear the label defined as follows:
- (a) the label conforming to the specimen below shall be at least 5 cm high (H) and 2,5 cm wide;
- (b) it shall consist of two parts:
  - the top part (h  $_1 = 40 \%$  H) shall include the letter 'a' in white, on a black background,
  - -- the bottom part (h  $_2 = 60 \%$  H) shall include the standard wording in white and/or black, on a red background, and shall be clearly legible;
- (c) if the article contains crocidolite, the words ' contains asbestos ' used in the standard wording shall be replaced by ' contains crocidolite/blue asbestos ';

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(d) if labelling takes the form of direct printing on the articles, a single colour contrasting with the background colour is sufficient.

#### **Textual Amendments**

**F160** Words in Annex 17 Appendix 7 omitted (31.12.2020) by virtue of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), **Sch. 3 para. 38(a)**; 2020 c. 1, Sch. 5 para. 1(1)

- 2. The label mentioned in this Appendix shall be affixed in accordance with the following rules:
- (a) on each of the smallest units supplied;
- (b) if an article has asbestos-based components, it is sufficient for these components only to bear the label. The labelling may be dispensed with if smallness of size or unsuitability of packaging make it impossible for a label to be affixed to the component.
- 3. Labelling of packaged articles containing asbestos
- 3.1. The following particulars shall appear on clearly legible and indelible labelling on the packaging of packaged articles containing asbestos: U.K.
- (a) the symbol and relevant indications of danger in accordance with this Annex;
- (b) safety instructions which must be selected in accordance with the particulars in this Annex, inasmuch as they are relevant for the particular article.

Where additional safety information is provided on the packaging, this shall not weaken or contradict the particulars given in accordance with points (a) and (b).

3.2. Labelling in accordance with 3.1 shall be effected by means of: U.K.
a label firmly affixed to the packaging, or

- a (tie-on) label securely attached to the package, or
- direct printing of the packaging.
- 3.3. Articles containing asbestos and which are packaged only in loose plastic wrapping or the like shall be regarded as packaged articles and shall be labelled in accordance with 3.2. If articles are separated from such packages and placed on the market unpackaged, each of the smallest units supplied shall be accompanied by labelling particulars in accordance with 3.1.
- 4. Labelling of unpackaged articles containing asbestos

For unpackaged articles containing asbestos, labelling in accordance with 3.1 shall be effected by means of:

- a label firmly affixed to the article containing asbestos,
- a (tie-on) label securely attached to such an article,
- direct printing on the articles,

or, if the abovementioned is not reasonably practicable as in the case of, for example, smallness of size of the article, the unsuitable nature of the article's properties or certain technical difficulties by means of a hand-out with labelling in accordance with 3.1.

5. Without prejudice to [<sup>F161</sup>legislation] on safety and hygiene at work, the label affixed to the article which may, in the context of its use, be processed or finished, shall be accompanied by any safety instructions which may be appropriate for the article concerned, and in particular by the following:

#### **Textual Amendments**

F161 Word in Annex 17 Appendix 7 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 38(b); 2020 c. 1, Sch. 5 para. 1(1)

- operate if possible out of doors or in a well-ventilated place,
- preferably use hand tools or low-speed tools equipped, if necessary, with an appropriate dust-extraction facility. If high-speed tools are used, they should always be equipped with such a facility,
- if possible, dampen before cutting or drilling,
- dampen dust and place it in a properly closed receptacle and dispose of it safely.
- 6. The labelling of any article intended for domestic use which is not covered by Section 5 and which is likely, during use, to release asbestos fibres shall, if necessary, contain the following safety instruction: ' replace when worn '.
- 7. The labelling of articles containing asbestos shall be in [<sup>F162</sup>English, and may also be done in other languages].

#### **Textual Amendments**

F162 Words in Annex 17 Appendix 7 substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 38(c); 2020 c. 1, Sch. 5 para. 1(1)

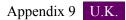
Appendix 8 U.K.

## [<sup>F1</sup>Entry 43 — Azocolourants — List of aromatic amines]

#### List of aromatic amines

	CAS No	Index No	EC No	Substances
1.	92-67-1	612-072-00-6	202-177-1	biphenyl-4- ylamine 4-aminobiphenyl xenylamine
2.	92-87-5	612-042-00-2	202-199-1	benzidine
3.	95-69-2		202-441-6	4-chloro-o- toluidine
4.	91-59-8	612-022-00-3	202-080-4	2-naphthylamine
5.	97-56-3	611-006-00-3	202-591-2	o- aminoazotoluene 4-amino-2',3- dimethylazobenzene 4-o-tolylazo-o- toluidine
6.	99-55-8		202-765-8	5-nitro-o- toluidine
7.	106-47-8	612-137-00-9	203-401-0	4-chloroaniline
8.	615-05-4		210-406-1	4-methoxy-m- phenylenediamine
9.	101-77-9	612-051-00-1	202-974-4	4,4'- methylenedianiline 4,4'- diaminodiphenylmethane
10.	91-94-1	612-068-00-4	202-109-0	3,3'- dichlorobenzidine 3,3'- dichlorobiphenyl-4,4'- ylenediamine
11.	119-90-4	612-036-00-X	204-355-4	3,3'- dimethoxybenzidine o-dianisidine
12.	119-93-7	612-041-00-7	204-358-0	3,3'- dimethylbenzidine 4,4'-bi-o- toluidine
13.	838-88-0	612-085-00-7	212-658-8	4,4'- methylenedi-o- toluidine

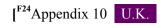
14.	120-71-8		204-419-1	6-methoxy- m-toluidine p- cresidine
15.	101-14-4	612-078-00-9	202-918-9	4,4'-methylene- bis-(2-chloro- aniline) 2,2'- dichloro-4,4'- methylene- dianiline
16.	101-80-4		202-977-0	4,4'-oxydianiline
17.	139-65-1		205-370-9	4,4'-thiodianiline
18.	95-53-4	612-091-00-X	202-429-0	o-toluidine 2-aminotoluene
19.	95-80-7	612-099-00-3	202-453-1	4-methyl-m- phenylenediamine
20.	137-17-7		205-282-0	2,4,5- trimethylaniline
21.	90-04-0	612-035-00-4	201-963-1	o-anisidine 2- methoxyaniline
22.	60-09-3	611-008-00-4	200-453-6	4-amino azobenzene



### [<sup>F1</sup>Entry 43 — Azocolourants — List of azodyes]

#### List of azodyes

	CAS No	Index No	EC No	Substances
Ι.	Not allocated Component 1: CAS-No: 118685-33-9 C <sub>39</sub> H <sub>23</sub> ClCrN <sub>7</sub> O <sub>12</sub> S.2Na Component 2: C <sub>46</sub> H <sub>30</sub> CrN 10 O <sub>20</sub> S <sub>2</sub> .3Na	611-070-00-2	405-665-4	A mixture of: disodium (6-(4- anisidino)-3- sulfonato-2- (3,5-dinitro-2- oxidophenylazo)-1- naphtholato) (1-(5-chloro-2- oxidophenylazo)-2- naphtholato)chromate trisodium bis(6- (4-anisidino)-3- sulfonato-2- (3,5-dinitro-2- oxidophenylazo)-1- naphtholato)chromate



Entry List of testing methods U.K. 43 — Azocolourants — List of testing methods

F163 Standardisation organisation	Reference and title of the harmonised standard	Reference of the superseded standard
[ <sup>F164</sup> BSI]	[ <sup>F165</sup> BS EN] ISO 17234-1:2010 Leather — Chemical tests for the determination of certain azo colorants in dyed leathers — Part 1: Determination of certain aromatic amines derived from azo colorants	CEN ISO/TS 17234:2003
[ <sup>F164</sup> BSI]	[ <sup>F165</sup> BS EN] ISO 17234-2:2011 Leather — Chemical tests for the determination of certain azo colorants in dyed leathers — Part 2: Determination of 4- aminoazobenzene	CEN ISO/TS 17234:2003
[ <sup>F164</sup> BSI]	[ <sup>F165</sup> BS EN] 14362-1:2012 Textiles — Methods for determination of certain aromatic amines derived from azo colorants — Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres	EN 14362-1:2003 EN 14362-2:2003
[ <sup>F164</sup> BSI]	[ <sup>F165</sup> BS EN] 14362-3:2012 Textiles — Methods for determination of certain aromatic amines derived from azo colorants — Part 3: Detection of the use of certain azo colorants, which may release 4- aminoazobenzene ]	

[<sup>F53</sup>Appendix 11 U.K.

#### ENTRIES 28 TO 30 — DEROGATIONS FOR SPECIFIC SUBSTANCES

ations
ents as defined by Regulation (EC) /2004 of the European Parliament and Council <sup>a</sup> . The derogation shall apply June 2013 .

[<sup>F130</sup>Appendix 12 U.K.

Entry 72 — restricted substances and maximum concentration limits by weight in homogeneous materials:

Substances	Index- No	CAS No	EC No	Concentration limit by weight
Cadmium and its compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)				1 mg/kg after extraction (expressed as Cd metal that can be extracted from the material)
Chromium VI compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)		_	_	1 mg/kg after extraction (expressed as Cr VI that can be extracted from the material)
Arsenic compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)				1 mg/kg after extraction (expressed as As metal that can be extracted from the material)
Lead and its compounds (listed in Annex XVII, Entry 28, 29, 30, Appendices 1-6)				1 mg/kg after extraction (expressed as Pb metal that can be extracted from the material)
Benzene	601-020-00-8	71-43-2	200-753-7	5 mg/kg
Benz[ <i>a</i> ]anthracene	601-033-00-9	56-55-3	200-280-6	1 mg/kg
Benz[ <i>e</i> ]acephenanthryler	601-034-00-4 ne	205-99-2	205-911-9	1 mg/kg
benzo[ <i>a</i> ]pyrene; benzo[ <i>def</i> ]chrysene	601-032-00-3	50-32-8	200-028-5	1 mg/kg
Benzo[ <i>e</i> ]pyrene	601-049-00-6	192-97-2	205-892-7	1 mg/kg
Benzo[ <i>j</i> ]fluoranthene	601-035-00-X	205-82-3	205-910-3	1 mg/kg

(31 December 2020 11:00 p.m.). It has not been amended by the UK since then. Find out more about legislation originating from the EU as published on legislation.gov.uk. (See end of Document for details)

Benzo[ <i>k</i> ]fluoranthene	601-036-00-5	207-08-9	205-916-6	1 mg/kg
Chrysene	601-048-00-0	218-01-9	205-923-4	1 mg/kg
Dibenz[ <i>a</i> , <i>h</i> ]anthracene	601-041-00-2	53-70-3	200-181-8	1 mg/kg
$\alpha$ , $\alpha$ , $\alpha$ , 4- tetrachlorotoluene p- chlorobenzotrichl	,	5216-25-1	226-009-1	1 mg/kg
α, α,α - trichlorotoluene; benzotrichloride	602-038-00-9	98-07-7	202-634-5	1 mg/kg
α - chlorotoluene; benzyl chloride	602-037-00-3	100-44-7	202-853-6	1 mg/kg
Formaldehyde	605-001-00-5	50-00-0	200-001-8	75 mg/kg
1,2- benzenedicarboxy acid; di-C 6-8- branched alkylesters, C 7- rich	607-483-00-2 /lic	71888-89-6	276-158-1	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries of Annex XVII that are classified in [F166 the GB mandatory classification and labelling list] in any of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity, category 1A or 1B
Bis(2- methoxyethyl) phthalate	607-228-00-5	117-82-8	204-212-6	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries of Annex XVII that are classified in [ <sup>F166</sup> the GB mandatory

				classification and labelling list] in any of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity, category 1A or 1B
Diisopentylphthal	a <b>6£</b> )7-426-00-1	605-50-5	210-088-4	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries of Annex XVII that are classified in [ <sup>F166</sup> the GB mandatory classification and labelling list] in any of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity, category 1A or 1B
Di- <i>n</i> -pentyl phthalate (DPP)	607-426-00-1	131-18-0	205-017-9	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries of Annex XVII that are classified in [ <sup>F166</sup> the GB mandatory classification and labelling list] in any of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive

				toxicity, category 1A or 1B
Di- <i>n</i> -hexyl phthalate (DnHP)	607-702-00-1	84-75-3	201-559-5	1 000 mg/kg (individually or in combination with other phthalates in this entry or in other entries of Annex XVII that are classified in [ <sup>F166</sup> the GB mandatory classification and labelling list] in any of the hazard classes carcinogenicity, germ cell mutagenicity or reproductive toxicity, category 1A or 1B
N -methyl-2- pyrrolidone; 1-methyl-2- pyrrolidone (NMP)	606-021-00-7	872-50-4	212-828-1	3 000 mg/kg
<i>N</i> , <i>N</i> - dimethylacetamid (DMAC)	616-011-00-4 e	127-19-5	204-826-4	3 000 mg/kg
<i>N</i> , <i>N</i> - dimethylformamie dimethyl formamide (DMF)	616-001-00-X de;	68-12-2	200-679-5	3 000 mg/kg
1,4,5,8- tetraaminoanthrac C.I. Disperse Blue 1	611-032-00-5 uinone;	2475-45-8	219-603-7	50 mg/kg
Benzenamine, 4,4'-(4- iminocyclohexa-2 dienylidenemethy hydrochloride; C.I. Basic Red 9		569-61-9	209-321-2	50 mg/kg
[4-[4,4'- bis(dimethylamin <i>a</i> -2,5-dien-1-	612-205-00-8 o)benzhydrylidene]	548-62-9 cyclohex	208-953-6	50 mg/kg

ylidene]dimethyla chloride; C.I. Basic Violet 3 with $\ge 0,1$ % of Michler's ketone (EC no. 202-027-				
4-chloro- <i>o</i> -toluidinium chloride	612-196-00-0	3165-93-3	221-627-8	30 mg/kg
2- Naphthylammoni	612-071-00-0 umacetate	553-00-4	209-030-0	30 mg/kg
4-methoxy- <i>m</i> -phenylene diammonium sulphate; 2,4- diaminoanisole sulphate	612-200-00-0	39156-41-7	254-323-9	30 mg/kg
2,4,5- trimethylaniline hydrochloride	612-197-00-6	21436-97-5		30 mg/kg
Quinoline	613-281-00-5	91-22-5	202-051-6	50 mg/kg]]

#### Changes to legislation:

This version of this Regulation was derived from EUR-Lex on IP completion day (31 December 2020 11:00 p.m.). It has not been amended by the UK since then. Find out more about legislation originating from the EU as published on legislation.gov.uk.