**Changes to legislation:** There are currently no known outstanding effects for the Regulation (EC) No 1907/2006 of the European Parliament and of the Council, ANNEX XIV. (See end of Document for details)

# [<sup>X1</sup>ANNEX XIV

## LIST OF SUBSTANCES SUBJECT TO AUTHORISATION

### **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).

[ <sup>X2</sup> [ <sup>F1</sup> Entry Nr	Substance	Intrinsic property(ie	Transitiona s)arrangeme		Exempted (categories of) uses	Review periods
		referred to in Article 57	Latest application date <sup>a</sup>	Sunset date <sup>b</sup>		
1.	5-tert- butyl-2,4,6- trinitro-m- xylene ( Musk xylene )	vPvB	21 February 2013	21 August 2014		
	EC201-329-4 No CA\$\$1-15-2 No	4				
2.	(MDA)	Carcinogenio (costlegethyane 1B)		21 August 2014		_
	EC202-974-4 No CAS01-77-9 No	<del>1</del>				
3.	Hexabromod ( <b>HBCDD</b> )	yRBofdodecane	21 February 2014	21 August 2015		—
	EC221-695- No247-148- CA¥194-55- No25637-99 alpha- hexabromoc	4, 6				
	CAB34237-5 No	0-6,				

	CAB4237-5 No gamma-	yclododecane			
4.	Bis(2- ethylhexyl) phthalate ( <b>DEHP</b> ) EC204-211-( No CA <b>B</b> 7-81-7 No	Toxic for reproduction (category 1B)	21 August 2013 °	21 February 2015 <sup>d</sup>	Uses in the immediate packaging of medicinal products covered under Regulation (EC) No 726/2004, $[^{F4}$ the Veterinary Medicines Regulations 2013 or the Human Medicines Regulations 2012].
5.	Benzyl butyl phthalate ( <b>BBP</b> ) EC201-622-' No CASS-68-7 No	Toxic for reproduction (category 1B)	21 August 2013 °	21 February 2015 <sup>d</sup>	Uses in the immediate packaging of medicinal products covered under Regulation (EC) No 726/2004, Directive 2001/82/ EC, and/or Directive 2001/83/ EC.
6.	Dibutyl phthalate ( <b>DBP</b> ) EC201-557-4 No	Toxic for reproduction (category 1B)	21 August 2013 °	21 February 2015 <sup>d</sup>	Uses in the immediate packaging of medicinal

	CA884-74-2 No				products covered under Regulation (EC) No 726/2004, Directive 2001/82/ EC, and/or Directive 2001/83/ EC.	
[ <sup>F5</sup> 7.	Diisobutyl phthalate (DIBP) EC No: 201-553-2 CAS No: 84-69-5	Toxic for reproduction (category 1B)	21 August 2013 <sup>c</sup>	21 February 2015 <sup>d</sup>		
8.	Diarsenic trioxide EC No: 215-481-4 CAS No: 1327-53-3	Carcinogenio (category 1A)	21 November 2013	21 May 2015		
9.	Diarsenic pentaoxide EC No: 215-116-9 CAS No: 1303-28-2	Carcinogenio (category 1A)	21 November 2013	21 May 2015		
10.	Lead chromate EC No: 231-846-0 CAS No: 7758-97-6	Carcinogenic (category 1B) Toxic for reproduction (category 1A)	November 2013 <sup>c</sup>	21 May 2015 <sup>a</sup>		
11.	Lead sulfochromaty yellow (C.I. Pigment Yellow 34) EC No: 215-693-7 CAS No: 1344-37-2	Carcinogenio (category 1B) Toxic for reproduction (category 1A)	November 2013 <sup>c</sup>	21 May 2015 <sup>d</sup>		

12.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) EC No: 235-759-9 CAS No: 12656-85-8	Carcinogenia (category 1B) Toxic for reproduction (category 1A)	November 2013 <sup>°</sup>	21 May 2015 <sup>d</sup>	
13.	Tris (2- chloroethyl) phosphate (TCEP) EC No: 204-118-5 CAS No: 115-96-8	Toxic for reproduction (category 1B)	21 February 2014	21 August 2015	
14.	2,4- Dinitrotoluer (2,4-DNT) EC No: 204-450-0 CAS No: 121-14-2	Carcinogenio necategory 1B)	21 February 2014 <sup>c</sup>	21 August 2015 J <sup>d</sup>	
[ <sup>F6</sup> 15.	Trichloroeth EC No: 201-167-4 CAS No: 79-01-6	y <b>leane</b> inogenio (category 1B)	21 October 2014 <sup>°</sup>	21 April 2016 <sup>d</sup>	 
16.	Chromium trioxide EC No: 215-607-8 CAS No: 1333-82-0	(ca 1A Mu	tagenic tegory	21 September 2017 <sup>d</sup>	 
17.	Acids generated from chromium trioxide and their oligomers Group containing: Ch aci	Carcinogenio (category 1B) romic d	21 March 2016 <sup>c</sup>	21 September 2017 <sup>d</sup>	

	CA No: 773 Dic acid EC No: 236 CA No: 135 Oli of chr acid acid EC No: not yet assi CA No: not yet	-801-5 S 8-94-5 hromic 1 -881-5 S 30-68-2 gomers omic 1 nromic 1 s gened S			
18.	Sodium dichromate EC No: 234-190-3 CAS No: 7789-12-0 10588-01-9	(ca 1B Mu (ca 1B To: for rep	tagenic tegory ) xic roduction tegory	21 September 2017 <sup>d</sup>	
19.	Potassium dichromate EC No: 231-906-6 CAS No: 7778-50-9	(ca 1B Mu (ca 1B To: for	itagenic tegory ) xic	21 September 2017 <sup>d</sup>	

		(ca 1B	tegory )		
20.	Ammonium dichromate EC No: 232-143-1 CAS No: 7789-09-5	(ca 1B Mu (ca 1B Toz for rep	tagenic tegory ) kic roduction tegory	21 September 2017 <sup>d</sup>	
21.	Potassium chromate EC No: 232-140-5 CAS No: 7789-00-6	(ca 1B Mu	tagenic tegory	21 September 2017 <sup>d</sup>	
22.	Sodium chromate EC No: 231-889-5 CAS No: 7775-11-3	(ca 1B Mu (ca 1B Toz for rep	tagenic tegory ) kic roduction tegory	21 September 2017 J <sup>d</sup>	
[ <sup>F7</sup> 23.	Formaldehyd oligomeric reaction products with aniline (technical MDA) EC No: 500-036-1 CAS No: 25214-70-4	€arcinogenio (category 1B)	22 February 2016 °	22 August 2017 <sup>d</sup>	
24.	Arsenic acid EC No: 231-901-9 CAS No: 7778-39-4	Carcinogenia (category 1A)	222 February 2016	22 August 2017	 -

				· ·	1	·
25.	Bis(2- methoxyethy ether (diglyme) EC No: 203-924-4 CAS No: 111-96-6	Toxic for heproduction (category 1B)	22 February 2016 °	22 August 2017 <sup>d</sup>		
26.	1,2- dichloroethar (EDC) EC No: 203-458-1 CAS No: 107-06-2	Carcinogenio category 1B)	22 May 2016	22 November 2017		
27.	2,2'- dichloro-4,4' methylenedia (MOCA) EC No: 202-918-9 CAS No: 101-14-4		222 May 2016 °	22 November 2017 <sup>d</sup>		
28.	Dichromium tris(chromate EC No: 246-356-2 CAS No: 24613-89-6		22 July 2017 °	22 January 2019 <sup>d</sup>		
29.	Strontium chromate EC No: 232-142-6 CAS No: 7789-06-2	Carcinogenia (category 1B)	22 July 2017 °	22 January 2019 <sup>d</sup>		
30.	Potassium hydroxyoctad EC No: 234-329-8 CAS No: 11103-86-9	Carcinogenio (xxdizgionyated 1A)		22 January 2019 <sup>d</sup>		
31.	Pentazinc chromate octahydroxid EC No: 256-418-0 CAS No: 49663-84-5	Carcinogenia (category dA)	22 July 2017 °	22 January 2019 <sup>d</sup>		—]

[ <sup>F8</sup> 32.	1-ToxiBromopropanæpro(n-propyl(catebromide)1B)	oduction 2019 °	4 July 2020 <sup>d</sup>	 
	EC203-445-0 No CA <b>E</b> 06-94-5 No			
33.	Diisopentylph <b>Ibal</b> EC210-088-4 No CASD5-50-5 No	attor 4 January oduction 2019 ° gory	4 July 2020 <sup>d</sup>	 
34.	1,2-ToxiBenzenedicarbapyacid, di-(cateC6-8-1B)branchedalkyl esters,C7 rich	duction 2019 °	4 July 2020 <sup>d</sup>	 
	EC276-158-1 No CA <b>3</b> 888-89-6 No			
35.	1,2-ToxiBenzenedicarbapryacid, di-(cateC7-11-branchedand linearalkyl esters	blaction 2019 °	4 July 2020 <sup>d</sup>	 
	EC271-084-6 No CA68515-42-4 No			
36.	1,2- Toxi Benzenedicar <b>hapxy</b> acid, (cate dipentylester,1B) branched and linear	blaction 2019 °	4 July 2020 <sup>d</sup>	 
	EC284-032-2 No CA\$\$4777-06-0 No			

37.		Toxic for	4 January 2019 °	4 July 2020 <sup>d</sup>	 
	phthalate EC204-212-0 No CAN 7-82-8 No	(category <sub>5</sub> 1B)			
38.	Dipentylphtl EC205-017- No CAB1-18-0 No	allateic for reproduction (category 1B)	4 January 2019 °	4 July 2020 <sup>d</sup>	 
39.	N-pentyl- isopentylpht EC — No CA <b>B</b> 76297-6 No	Toxic for hadptoduction (category 1B) 9-9	4 January 2019 °	4 July 2020 <sup>a</sup>	 
40.	Anthracene oil EC292-602- No CA90640-80 No	Carcinogenic (category 71B) <sup>e</sup> , PBT, vPvB -5	2019 °	4 October 2020 <sup>d</sup>	
41.	Pitch, coal tar, high temp. EC266-028-2 No CA655996-93 No		24 April 2019 °	4 October 2020 <sup>d</sup>	
42.	4-(1,1,3,3- Tetramethyll ethoxylated (covering well- defined substances and UVCB substances, polymers and homologues EC — No CAS- No	Endocrine dist)phingol, properties (Article 57(f) — environment	by way of derogation from point (a), 22 June 2022 for	2021 <sup>d</sup> ; <i>b</i> by way of derogation from point (a), 22 December 2023 for uses as follows:	

1907/2006 of the European Parliament and of the Council, ANNEX XIV. (See end of Document for details)

research, the development research, development and production and production of medicinal of products medicinal falling products within falling the within scope the of scope [<sup>F9</sup>the of [<sup>F17</sup>the Human Medicines Human **Regulations** Medicines 2012] Regulations 2012] or [<sup>F10</sup>relevant] or medical [<sup>F18</sup>relevant] medical devices devices or [<sup>F11</sup>relevant] or [<sup>F19</sup>relevant] accessories to accessories medical to devices medical F12 devices F20 in view in of view of their their use for use the for diagnosis, the treatment diagnosis, treatment or prevention or of prevention the of coronavirus COVID-19, disease (COVID-19),in [<sup>F21</sup>relevant] in medical [<sup>F13</sup>relevant] devices medical or [<sup>F22</sup>relevant] devices or accessories [<sup>F14</sup>relevant] to accessories medical

				dev F15 for the dia trea or pre of		F23 for the dia trea or pre of CC	
43.	4- Nonylpheno branched and linear, ethoxylated (substances with a linear and/ or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well- defined substances, polymers and homologues, which include any of the individual isomers and/or combination thereof) EC — No CAS- No	properties (Article 57(f) — environment	4 July 2019 °		4 January 2021 <sup>d</sup>		

[ <sup>F24</sup> [ <sup>X3</sup> 44.	1,2- Benzenedica acid, dihexyl ester, branched and linear EC No: 271-093-5 CAS No: 68515-50-4	Toxic for rhapryllaction (category 1B)	27 August 2021 °	27 February 2023 <sup>d</sup>		
45.	Dihexyl phthalate EC No: 201-559-5 CAS No: 84-75-3	Toxic for reproduction (category 1B)	27 August 2021 °	27 February 2023 <sup>d</sup>	_	
46.	1,2- benzenedica acid, di- C6-10- alkyl esters; 1,2- benzenedica acid, mixed decyl and hexyl and octyl diesters with $\geq$ 0,3 % of dihexyl phthalate (EC No 201-559-5) EC No: 271-094-0; 272-013-1 CAS No: 68515-51-5; 68648-93-1		27 August 2021 <sup>¢</sup>	27 February 2023 <sup>d</sup>		
47.	Trixylyl phosphate EC No: 246-677-8 CAS No: 25155-23-1	Toxic for reproduction (category 1B)	27 November 2021	27 May 2023		
48.	Sodium perborate; perboric	Toxic for reproduction	27 November 2021	27 May 2023	—	—

	acid, sodium salt(category 1B)EC No: 239-172-9; 234-390-0 CAS No:			
49.	Sodium peroxometabToxic for orepteoduction (category 1B)EC No: CAS No: 7632-04-4Toxic for orepteoduction (category 1B)	27 n November 2021	27 May 2023	
50.	5-sec- vPvB butyl-2- (2,4- dimethylcyclohex-3- en-1-yl)-5- methyl-1,3- dioxane [1], 5-sec- butyl-2- (4,6- dimethylcyclohex-3- en-1-yl)-5- methyl-1,3- dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] EC No: - CAS No: -	27 February 2022	27 August 2023	
51.	2-(2H- benzotriazol-2- yl)-4,6- ditertpentylphenol (UV-328) EC No: 247-384-8 CAS No: 25973-55-1	27 May 2022	27 November 2023	
52.	2,4-di-tert- butyl-6-(5- chlorobenzotriazol-2- yl)phenol (UV-327)	27 May 2022	27 November 2023	

		EC No: 223-383-8 CAS No: 3864-99-1						
53		2-(2H- benzotriazol- yl)-4-(tert- butyl)-6- (sec- butyl)phenol (UV-350) EC No: 253-037-1 CAS No: 36437-37-3		27 May 2022	27 November 2023			
54		2- benzotriazol- yl-4,6- di-tert- butylphenol (UV-320) EC No: 223-346-6 CAS No: 3846-71-7	PBT, vPvB -2-	27 May 2022	27 November 2023		—]]	
a	Date referred to in Article 58(1)(c)(ii) of Regulation (EC) No 1907/2006.							
b	Date referre	te referred to in Article 58(1)(c)(i) of Regulation (EC) No 1907/2006.						
c	$I^{F2}1$ September 2021 for the use of the substance in the production of spare parts as articles or as complex products for the repair of articles or complex products, the production of which ceased or will have ceased before the sunset date indicated in the entry for that substance, where that substance was used in the production of those articles or complex products and these cannot function as intended without that spare part and the spare part cannot be produced without that substance, and for the use of the substance (on its own or in a mixture) for the repair of such articles or complex products where that substance on its own or in a mixture was used in the production of those articles or complex products where that substance on its own or in a mixture was used in the production of those articles or complex products and they cannot be repaired otherwise than by using that substance.							
d	1 March 2023 for the use of the substance in the production of spare parts as articles or as complex products for the repair of articles or complex products the production of which ceased or will have ceased before the sunset date indicated in the entry for that substance, where that substance was used in the production of those articles or complex products and these cannot function as intended without those spare parts and the spare part cannot be produced without that substance, and for the use of the substance (on its own or in a mixture) for the repair of such articles or complex products, where that substance on its own or in a mixture was used in the production of those articles or complex products and they cannot be repaired otherwise than by using that substance.							
	Does not meet the criteria for identification as a carcinogen if it contains < 0,005 % (w/w) benzo[a]pyrene (Einecs No 200-028-5).]							
e	200-028-5).	[ <sup>F3</sup> Regulation (EU) 2017/746 of the European Parliament and of the Council of 5 April 2017 on <i>in vitro</i> diagnostic medical devices and repealing Directive 98/79/EC and Commission Decision 2010/227/EU (OJ L 117, 5.5.2017, p. 176).]]]]						

**X2** Substituted by Corrigendum to Commission Regulation (EU) No 143/2011 of 17 February 2011 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ('REACH') (Official Journal of the European Union L 44 of 18 February 2011).

X3 Substituted by Corrigendum to Commission Regulation (EU) 2020/171 of 6 February 2020 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ('REACH') (Official Journal of the European Union L 35 of 7 February 2020).

#### **Textual Amendments**

- **F1** Substituted by Commission Regulation (EU) 2020/171 of 6 February 2020 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- F2 Inserted by Commission Regulation (EU) 2017/999 of 13 June 2017 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- **F3** Substituted by Commission Regulation (EU) 2020/2160 of 18 December 2020 amending Annex XIV to Regulation (EU) No 1907/2006 of the European Parliament and of the Council as regards the substance group 4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and substances of unknown or variable composition, complex reaction products or biological materials, polymers and homologues) (Text with EEA relevance).
- F4 Words in Annex 14 Table substituted (31.12.2020) by The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/758), reg. 1(1), Sch. 3 para. 10; 2020 c. 1, Sch. 5 para. 1(1)
- **F5** Inserted by Commission Regulation (EU) No 348/2013 of 17 April 2013 amending Annex XIV 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).
- **F6** Inserted by Commission Regulation (EU) No 895/2014 of 14 August 2014 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- F7 Inserted by Commission Regulation (EU) 2020/171 of 6 February 2020 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
- **F8** Inserted by Commission Regulation (EU) No 125/2012 of 14 February 2012 amending Annex XIV 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).
- F9 Words in Annex 14 Table substituted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(2)(a)(i)
- **F10** Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(2)(a)(ii)**
- F11 Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(2)(a)(iii)
- F12 Words in Annex 14 Table omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(2)(a)(iv)
- **F13** Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(2)(b)(i)**
- **F14** Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(2)(b)(ii)**
- F15 Words in Annex 14 Table omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(2)(b)(iii)
- **F16** Substituted by Commission Regulation (EU) 2020/2160 of 18 December 2020 amending Annex XIV to Regulation (EU) No 1907/2006 of the European Parliament and of the Council as regards the substance group 4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and substances of unknown or variable composition, complex reaction products or biological materials, polymers and homologues) (Text with EEA relevance).

- F17 Words in Annex 14 Table substituted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(3)(a)(i)
- **F18** Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(3)(a)(ii)**
- **F19** Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(3)(a)(iii)**
- F20 Words in Annex 14 Table omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(3)(a)(iv)
- **F21** Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(3)(b)(i)**
- F22 Word in Annex 14 Table inserted (30.9.2021) by The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), 7(3)(b)(ii)
- **F23** Words in Annex 14 Table omitted (30.9.2021) by virtue of The REACH etc. (Amendment) Regulations 2021 (S.I. 2021/904), regs. 1(2), **7(3)(b)(iii)**
- **F24** Inserted by Commission Regulation (EU) 2020/171 of 6 February 2020 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

#### Changes to legislation:

There are currently no known outstanding effects for the Regulation (EC) No 1907/2006 of the European Parliament and of the Council, ANNEX XIV .