

Status: Point in time view as at 28/04/2020.

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. (See end of Document for details)

[^{X1}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).

[^{X2} [^{F1} Entry Nr	Substance	Intrinsic property(ies) referred to in Article 57	Transitional arrangements		Exempted (categories of) uses	Review periods
			Latest application date ^a	Sunset date ^b		
1.	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene) EC201-329-4 No CAS 15-2 No	vPvB	21 February 2013	21 August 2014	—	—
2.	4,4'-Diaminodiphenylmethane (MDA) EC202-974-4 No CAS 1-77-9 No	Carcinogenic (category 1B)	21 February 2013	21 August 2014	—	—
3.	Hexabromocyclododecane (HBCDD) EC221-695-9, No247-148-4, CAS 194-55-6 No25637-99-4 alpha-hexabromocyclododecane CAS 4237-50-6, No	PBT	21 February 2014	21 August 2015	—	—

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	beta-hexabromocyclododecane CAS 4237-51-7 No gamma-hexabromocyclododecane CAS 4237-52-8 No				
4.	Bis(2-ethylhexyl) phthalate (DEHP) EC204-211-0 No CAS 7-81-7 No	Toxic for reproduction (category 1B)	21 August 2013 ^c	21 February 2015 ^d	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.
5.	Benzyl butyl phthalate (BBP) EC201-622-7 No CAS 5-68-7 No	Toxic for reproduction (category 1B)	21 August 2013 ^c	21 February 2015 ^d	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 (DBP) EC201-557-4 No CAS 84-74-2 No	Toxic for reproduction (category 1B)	21 August 2013 ^c	21 February 2015 ^d	Uses in the immediate packaging of medicinal products covered under

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					Regulation (EC) No 726/2004, Directive 2001/82/EC, and/or Directive 2001/83/EC.	
[^{F4} 7.	Diisobutyl phthalate (DIBP) EC No: 201-553-2 CAS No: 84-69-5	Toxic for reproduction (category 1B)	21 August 2013 ^c	21 February 2015 ^d	—	—
8.	Diarsenic trioxide EC No: 215-481-4 CAS No: 1327-53-3	Carcinogenic (category 1A)	21 November 2013	21 May 2015	—	—
9.	Diarsenic pentaoxide EC No: 215-116-9 CAS No: 1303-28-2	Carcinogenic (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)	21 November 2013 ^c	21 May 2015 ^d	—	—
11.	Lead sulfochromate yellow (C.I. Pigment Yellow 34) EC No: 215-693-7 CAS No: 1344-37-2	Carcinogenic (category 1B) Toxic for reproduction (category 1A)	21 November 2013 ^c	21 May 2015 ^d	—	—
12.	Lead chromate molybdate sulphate red	Carcinogenic (category 1B) Toxic for reproduction	21 November 2013 ^c	21 May 2015 ^d		

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	(C.I. Pigment Red 104) EC No: 235-759-9 CAS No: 12656-85-8	(category 1A)				
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-Dinitrotoluene (2,4-DNT) EC No: 204-450-0 CAS No: 121-14-2	Carcinogenic (category 1B)	21 February 2014 ^c	21 August 2015 ^d		
[^{F5} 15.	Trichloroethylene EC No: 201-167-4 CAS No: 79-01-6	Carcinogenic (category 1B)	21 October 2014 ^c	21 April 2016 ^d	—	—
16.	Chromium trioxide EC No: 215-607-8 CAS No: 1333-82-0	Carcinogenic (category 1A) Mutagenic (category 1B)	21 March 2016 ^c	21 September 2017 ^d	—	—
17.	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid EC No: 231-801-5 CAS No: 7738-94-5	Carcinogenic (category 1B)	21 March 2016 ^c	21 September 2017 ^d	—	—

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	Dichromic acid EC No: 236-881-5 CAS No: 13530-68-2 Oligomers of chromic acid and dichromic acid EC No: not yet assigned CAS No: not yet assigned					
18.	Sodium dichromate EC No: 234-190-3 CAS No: 7789-12-0 10588-01-9		Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)	21 September 2017 ^d	—	—
19.	Potassium dichromate EC No: 231-906-6 CAS No: 7778-50-9		Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)	21 September 2017 ^d	—	—
20.	Ammonium dichromate EC No: 232-143-1		Carcinogenic (category 1B) Mutagenic	21 September 2017 ^d		

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	CAS No: 7789-09-5	(category 1B) Toxic for reproduction (category 1B)				
21.	Potassium chromate EC No: 232-140-5 CAS No: 7789-00-6	Carcinogenic (category 1B) Mutagenic (category 1B)	21 March 2016 ^c	21 September 2017 ^d		
22.	Sodium chromate EC No: 231-889-5 CAS No: 7775-11-3	Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)	21 March 2016 ^c	21 September 2017 ^d		
[F6]23.	Formaldehyde oligomeric reaction products with aniline (technical MDA) EC No: 500-036-1 CAS No: 25214-70-4	Carcinogenic (category 1B)	22 February 2016 ^c	22 August 2017 ^d	—	—
24.	Arsenic acid EC No: 231-901-9 CAS No: 7778-39-4	Carcinogenic (category 1A)	22 February 2016	22 August 2017	—	—
25.	Bis(2- methoxyethyl) ether (diglyme) EC No: 203-924-4 CAS No: 111-96-6	Toxic for reproduction (category 1B)	22 February 2016 ^c	22 August 2017 ^d	—	—

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26.	1,2-dichloroethane (EDC) EC No: 203-458-1 CAS No: 107-06-2	Carcinogenic (category 1B)	22 May 2016	22 November 2017	—	—
27.	2,2'-dichloro-4,4'-methylenebis(2-chlorophenol) (MOCA) EC No: 202-918-9 CAS No: 101-14-4	Carcinogenic (category 1B)	22 May 2016 ^c	22 November 2017 ^d	—	—
28.	Dichromium tris(chromate) EC No: 246-356-2 CAS No: 24613-89-6	Carcinogenic (category 1B)	22 July 2017 ^c	22 January 2019 ^d	—	—
29.	Strontium chromate EC No: 232-142-6 CAS No: 7789-06-2	Carcinogenic (category 1B)	22 July 2017 ^c	22 January 2019 ^d	—	—
30.	Potassium hydroxyoctadecylchromate EC No: 234-329-8 CAS No: 11103-86-9	Carcinogenic (category 1A)	22 July 2017 ^c	22 January 2019 ^d	—	—
31.	Pentazinc chromate octahydroxide EC No: 256-418-0 CAS No: 49663-84-5	Carcinogenic (category 1A)	22 July 2017 ^c	22 January 2019 ^d	—	—
[^{F7} 32.	1-Bromopropane (n-propyl bromide) EC No: 203-445-0 CAS No: 106-94-5	Toxic for the environment (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—

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33.	Diisopentylphthalate EC210-088-4 No CAS 55-50-5 No	Toxic for reproduction (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—
34.	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7 rich EC276-158-1 No CAS 1888-89-6 No	Toxic for reproduction (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—
35.	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters EC271-084-6 No CAS 8515-42-4 No	Toxic for reproduction (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—
36.	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear EC284-032-2 No CAS 1777-06-0 No	Toxic for reproduction (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—
37.	Bis(2-methoxyethyl)phthalate EC204-212-6 No CAS 17-82-8 No	Toxic for reproduction (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—
38.	Dipentylphthalate EC205-017-9 No	Toxic for reproduction	4 January 2019 ^c	4 July 2020 ^d	—	—

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	CAS 1-18-0 No	(category 1B)				
39.	N-pentyl- isopentylphthalate EC — No CAS 76297-69-9 No	Toxic for reproduction (category 1B)	4 January 2019 ^c	4 July 2020 ^d	—	—
40.	Anthracene oil EC 292-602-7 No CAS 80640-80-5 No	Carcinogenic (category 1B) ^e , PBT, vPvB	4 April 2019 ^c	4 October 2020 ^d	—	—
41.	Pitch, coal tar, high temp. EC 266-028-2 No CAS 65996-93-2 No	Carcinogenic (category 1B), PBT, vPvB	4 April 2019 ^c	4 October 2020 ^d	—	—
42.	4-(1,1,3,3- Tetramethylbutylphthalol, ethoxylated (covering well- defined substances and UVCB substances, polymers and homologues) EC — No CAS — No	Endocrine disrupting properties (Article 57(f) — environment)	^{F3} a 4 July 2019 ^c ; ^b by way of derogation from point (a), 22 June 2022 for uses as follows: — for the research, development and production of medicinal products falling within the scope of	^{F8} a 4 January 2021 ^d ; ^b by way of derogation from point (a), 22 December 2023 for uses as follows: — for the research, development and production of medicinal products falling within the scope	—	—

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			Directive of 2001/83/EC or medical devices or accessories to medical devices falling within the scope of Directive 93/42/EEC, Regulation (EU) 2017/745, Directive 98/79/EC or Regulation (EU) 2017/746 of the European Parliament and of the Council ^f , in view of their use for the diagnosis, treatment or prevention of the coronavirus disease (COVID-19),	Directive of 2001/83/EC or medical devices or accessories to medical devices falling within the scope of Directive 93/42/EEC, Regulation (EU) 2017/745, Directive 98/79/EC or Regulation (EU) 2017/746, in view of their use for the diagnosis, treatment or prevention of COVID-19, — in medical devices or accessories to medical devices falling
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				— in medical devices or accessories to medical devices falling within the scope of Directive 93/42/ EEC, Regulation (EU) 2017/745, Directive 98/79/ EC or Regulation (EU) 2017/746, Regulation (EU) 2017/745, Directive 98/79/ EC or Regulation (EU) 2017/746, for the diagnosis, treatment or prevention of COVID-19.]				within the scope of Directive 93/42/ EEC, Regulation (EU) 2017/745, Directive 98/79/ EC or Regulation (EU) 2017/746, for the diagnosis, treatment or prevention of COVID-19.]
43.	4- Nonylphenol, branched and linear, ethoxylated (substances with a linear and/ or branched alkyl chain with a carbon number of 9 covalently bound in position 4	Endocrine disrupting properties (Article 57(f) — environment)	4 July 2019 ^c	4 January 2021 ^d	—	—]		

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	to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof) EC — No CAS— No					
[^{F9}] ^{X3} 44.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear EC No: 271-093-5 CAS No: 68515-50-4	Toxic for reproduction (category 1B)	27 August 2021 ^c	27 February 2023 ^d	—	—
45.	Dihexyl phthalate EC No: 201-559-5 CAS No: 84-75-3	Toxic for reproduction (category 1B)	27 August 2021 ^c	27 February 2023 ^d	—	—
46.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	Toxic for reproduction (category 1B)	27 August 2021 ^c	27 February 2023 ^d	—	—

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	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					
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 acid, sodium salt EC No: 239-172-9; 234-390-0 CAS No: -	Toxic for reproduction (category 1B)	27 November 2021	27 May 2023	—	—
49.	Sodium peroxometaborate EC No: 231-556-4 CAS No: 7632-04-4	Toxic for reproduction (category 1B)	27 November 2021	27 May 2023	—	—
50.	5-sec-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]	vPvB	27 February 2022	27 August 2023	—	—

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	of [1] and [2] or any combination thereof] EC No: - CAS No: -					
51.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) EC No: 247-384-8 CAS No: 25973-55-1	PBT, vPvB	27 May 2022	27 November 2023	—	—
52.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) EC No: 223-383-8 CAS No: 3864-99-1	vPvB	27 May 2022	27 November 2023	—	—
53.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) EC No: 253-037-1 CAS No: 36437-37-3	vPvB	27 May 2022	27 November 2023	—	—
54.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) EC No: 223-346-6 CAS No: 3846-71-7	PBT, vPvB	27 May 2022	27 November 2023	—	— ¹

a Date referred to in Article 58(1)(c)(ii) of Regulation (EC) No 1907/2006.**b** Date referred to in Article 58(1)(c)(i) of Regulation (EC) No 1907/2006.**c** ^[F21] 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

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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 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.
- e** 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).]
- f** [F³Regulation (EU) 2017/746 of the European Parliament and of the Council of 5 April 2017 on *in vitro* diagnostic medical devices and repealing Directive 98/79/EC and Commission Decision 2010/227/EU (OJ L 117, 5.5.2017, p. 176).]]]

Editorial Information

- 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** 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).
- F5** 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).
- F6** 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).

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- F7** 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).
- F8** 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).
- F9** 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).

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