

Helsinki, 03.01.2018

## **Inclusion of substances of very high concern in the Candidate List for eventual inclusion in Annex XIV**

**(Decision of the European Chemicals Agency)**

<p><b>Owner: Jukka Malm</b> <b>Activity/Process: 03.02</b> <b>Identification of SVHC</b> <b>Validity: Indefinite</b> <b>Classification: Public</b></p>	<p><b>Distribution:</b> <b>Executive Director</b> <b>Deputy Executive Director</b> <b>Director D</b> <b>Quality Manager</b> <b>HoU D.2</b> <b>ECHAnet</b></p>
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## Whereas

- 1) Pursuant to Article 59(3) of 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) the European Chemicals Agency (hereinafter referred to as 'The Agency') received from Member States nine dossiers in accordance with Annex XV to REACH for substances which in their opinion meet the criteria of substances of very high concern (SVHCs) set out in Article 57 of REACH.
- 2) On 05 September 2017, the Agency invited all interested parties to submit comments on the Annex XV dossiers, as stated in Article 59(4) of REACH.
- 3) The public commenting period for all substances ended on 20 October 2017.
- 4) In accordance with Article 59(5) of REACH, the deadline for Member States or the Agency to comment on the identification of the substances as SVHCs was 06 November 2017.
- 5) The Agency received comments on the identification as SVHCs for the following substances:

SUBSTANCE NAME	EC NUMBER	CAS NUMBER
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7
Chrysene	205-923-4	218-01-9
Benz[a]anthracene	200-280-6	56-55-3
Cadmium nitrate	233-710-6	10325-94-7
Cadmium hydroxide	244-168-5	21041-95-2
Cadmium carbonate	208-168-9	513-78-0
Tricobalt tetraoxide containing $\geq 0.1\%$ w/w nickel oxides: nickel monoxide (EC 215-215-7); nickel oxide (EC 234-323-5)	215-157-2	1308-06-1
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6,9</sup> .0 <sup>2,13</sup> .0 <sup>5,10</sup> ]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	-	-

- 6) Thus, pursuant to Article 59(7) of REACH the dossiers related to these substances were referred to the Member State Committee (MSC).
- 7) The MSC unanimously agreed via written procedure, which closed on 30 November 2017 that the following substances meet the criteria set out in Article 57 of REACH for identification as SVHC:

SUBSTANCE NAME	EC NUMBER	CAS NUMBER
Chrysene	205-923-4	218-01-9
Benz[a]anthracene	200-280-6	56-55-3
Cadmium nitrate	233-710-6	10325-94-7
Cadmium hydroxide	244-168-5	21041-95-2
Cadmium carbonate	208-168-9	513-78-0
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6,9</sup> .0 <sup>2,13</sup> .0 <sup>5,10</sup> ]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its	-	-

individual anti- and syn-isomers or any combination thereof]		
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	-	-

8) Therefore, pursuant to Article 59(8) of REACH the Agency shall now include these substances in the Candidate List for eventual inclusion in Annex XIV to REACH.

9) During the 57<sup>th</sup> meeting of the Member State Committee, one dossier submitter withdrew their dossier for the following substance:

<b>SUBSTANCE NAME</b>	<b>EC NUMBER</b>	<b>CAS NUMBER</b>
Tricobalt tetraoxide containing $\geq 0.1\%$ w/w nickel oxides: nickel monoxide (EC 215-215-7); nickel oxide (EC 234-323-5)	215-157-2	1308-06-1

10) The Member State Committee at its 57th meeting unanimously agreed that the following substance meets the criteria set out in Article 57 of REACH:

<b>SUBSTANCE NAME</b>	<b>EC NUMBER</b>	<b>CAS NUMBER</b>
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7

11) As the substance 4,4'-isopropylidenediphenol (bisphenol A; BPA) is already listed on the Candidate List, this entry shall now be updated, pursuant to Article 59(8) of REACH, to reflect the additional intrinsic properties of concern, i.e. that BPA demonstrates probable serious effects to the environment, due to its endocrine disrupting properties, which are of an equivalent level of concern in accordance with Article 57(f) of REACH.

12) In accordance with Article 59(10) of REACH, the Candidate List shall be accordingly updated and published on the Agency's website.

**I HAVE DECIDED THE FOLLOWING:**

- 1. Pursuant to Article 59(8) of REACH the following substances shall be included in the Candidate List for eventual inclusion in Annex XIV to REACH.**

<b>SUBSTANCE NAME</b>	<b>EC NUMBER</b>	<b>CAS NUMBER</b>	<b>INTRINSIC PROPERTY(IES) REFERRED TO IN ARTICLE 57</b>
Chrysene	205-923-4	218-01-9	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Benz[a]anthracene	200-280-6	56-55-3	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Cadmium nitrate	233-710-6	10325-94-7	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium hydroxide	244-168-5	21041-95-2	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium carbonate	208-168-9	513-78-0	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> .9.0 <sup>2,13</sup> .0 <sup>5,10</sup> ]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	vPvB (Article 57e)
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	-	Endocrine disrupting properties (Article 57(f) – environment)

2. Pursuant to Article 59(8) of REACH the following existing entry in the Candidate List for eventual inclusion in Annex XIV to REACH shall be supplemented with the indicated additional intrinsic properties referred to in Article 57:

SUBSTANCE NAME	EC NUMBER	CAS NUMBER	INTRINSIC PROPERTY(IES) REFERRED TO IN ARTICLE 57
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7	Endocrine disrupting properties (Article 57(f) - environment)

3. Pursuant to Article 59(10) of REACH the Agency shall publish and update on its website the Candidate List for eventual inclusion in Annex XIV to REACH with the following entries:

SUBSTANCE NAME	EC NUMBER	CAS NUMBER	INTRINSIC PROPERTY(IES) REFERRED TO IN ARTICLE 57
4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7	Endocrine disrupting properties (Article 57(f) - environment)
Chrysene	205-923-4	218-01-9	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Benz[a]anthracene	200-280-6	56-55-3	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
Cadmium nitrate	233-710-6	10325-94-7	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium hydroxide	244-168-5	21041-95-2	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
Cadmium carbonate	208-168-9	513-78-0	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> .9.0 <sup>2,13</sup> .0 <sup>5,10</sup> ]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	vPvB (Article 57e)
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	-	Endocrine disrupting properties (Article 57(f) – environment)

#### 4. Publication

The updated Candidate List shall be published on the Agency's website on 15 January 2018. This decision shall take effect from 15 January 2018.

*(e-signed)*

Jukka Malm<sup>1</sup>  
Deputy Executive Director<sup>2</sup>

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<sup>1</sup> Mandated to sign this decision pursuant to the decision of the Executive Director ED/36/2017 delegating the power to sign decisions to include a substance on the Candidate List for eventual inclusion in Annex XIV under Article 59(6) or Article 59(8) of the REACH Regulation to Jukka Malm, Deputy Executive Director.

<sup>2</sup> As this is an electronic document, it is not physically signed. This communication has been approved according to the Agency's internal decision-approval process.