

Justification for the selection of a candidate CoRAP substance

Substance Name (Public Name):	1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-ene-2,3-dicarboxylic anhydride
Chemical Group:	
EC Number:	204-077-3
CAS Number:	115-27-5
Submitted by:	FRANCE
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NOTE

This document has been prepared by the evaluating Member State given in the CoRAP update.

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1 IDENTITY OF THE SUBSTANCE

1.1 Name and other identifiers of the substance

Table 1: Substance identity

Public Name:	1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-ene-2,3-dicarboxylic anhydride
EC number:	204-077-3
EC name:	1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-ene-2,3-dicarboxylic anhydride
CAS number (in the EC inventory):	115-27-5
CAS number:	115-27-5
CAS name:	-
IUPAC name:	-
Index number in Annex VI of the CLP Regulation	607-101-00-4
Molecular formula:	C ₉ H ₂ Cl ₆ O ₃
Molecular weight or molecular weight range:	370.83 g/mol
Synonyms:	Chlorendic anhydride

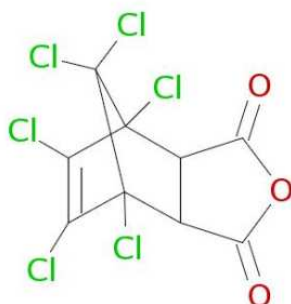
Type of substance:

 Mono-constituent

 Multi-constituent

 UVCB

Structural formula:



2 CLASSIFICATION AND LABELLING

2.1 Harmonised Classification in Annex VI of the CLP

Index number: 607-101-00-4

According to CLP

Hazard Class and Category Code(s)	Hazard Statement Code(s)	Specific Concentration limits, M-Factors
Eye Irrit. 2 STOT SE 3 Skin Irrit. 2	H319 : Causes serious eye irritation H335 : May cause respiratory irritation. H315 : Causes skin irritation.	Eye Irrit. 2; H319: C ≥ 1% STOT SE 3; H335: C ≥ 1% Skin Irrit. 2; H315: C ≥ 1%

According to DSD

Classification	Risk phrases	Concentration limits
Xi; R36/37/38	36/37/38 : Irritating to eyes, respiratory system and skin.	Xi; R36/37: C ≥ 1 %

2.2 Proposal for Harmonised Classification in Annex VI of the CLP

None

2.3 Self classification

The registration data includes:

According to CLP criteria:

Only Eye Irrit. 2A H319 are included from the harmonised classification

and in addition are the following self classifications given:

Skin Mild Irrit. 3 H316: Causes mild skin irritation

Skin Sens. 1 H317: May cause an allergic skin reaction

Carc. 2 H351: Suspected of causing cancer

STOT Rep. Exp. 2 H373: May cause damage to lungs, stomach and liver through prolonged or repeated exposure.

Aquatic Acute 3 H413: May cause long lasting harmful effects to aquatic life.

According to DSD criteria:

In addition to the harmonised classification are the following self classification given:

Xn; R48/20/21/22 Harmful; Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed

Carc. Cat. 2; R45 May cause cancer

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

In addition are the following classification(s) included in the Classification and Labelling Inventory:

Aquatic Chronic 3, H413 – (Must either be *Aquatic Chronic 3, H412*: Harmful to aquatic life with long lasting effects *or Aquatic Chronic 4, H413*)

Aquatic Chronic 4, H413: May cause long lasting effects to aquatic life.

Carc. 1A, H350: May cause cancer.

Carc. 2, H351: Suspected of causing cancer.

Skin Mild Irrit. 3, H316: Causes mild skin irritation.

3 JUSTIFICATION FOR THE SELECTION OF THE CANDIDATE CoRAP SUBSTANCE

3.1 Legal basis for the proposal

Article 44(1) (refined prioritisation criteria for substance evaluation)

Article 45(5) (Member State priority)

3.2 Grounds for concern

<input checked="" type="checkbox"/> (Suspected) CMR	<input type="checkbox"/> Wide dispersive use	<input type="checkbox"/> Cumulative exposure
<input checked="" type="checkbox"/> (Suspected) Sensitiser	<input type="checkbox"/> Consumer use	<input type="checkbox"/> High RCR
<input checked="" type="checkbox"/> (Suspected) PBT	<input type="checkbox"/> Exposure of sensitive population	<input type="checkbox"/> Aggregated tonnage
<input type="checkbox"/> Suspected Endocrine disruptor	<input checked="" type="checkbox"/> Other (provide further detail below)	
<p>Concern related to respiratory sensitization potential. Substance identified in the list of agents causing occupational asthma from the CSST (updated April 2010).</p> <p>Concern related to impurities: Chlorendic acid [1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-ene-2,3-dicarboxylic acid, CAS n° 115-28-6) is possibly carcinogenic to human (Group IB, IARC) and is reasonably anticipated to be a human carcinogen based on sufficient evidence of carcinogenicity from studies in experimental animals (NTP).</p> <p>High release for the environment and high exposure for workers identified.</p>		

3.3 Information on aggregated tonnage and uses

<input type="checkbox"/> 1 - 10 t	<input type="checkbox"/> 10 - 100 t	<input checked="" type="checkbox"/> 100 - 1000 t	<input type="checkbox"/> 1000 - 10,000 t	
<input type="checkbox"/> 10,000 - 100,000 t	<input type="checkbox"/> 100,000 - 1000,000 t	<input type="checkbox"/> > 1000,000 t	<input type="checkbox"/> Confidential	
<input checked="" type="checkbox"/> Industrial Use	<input checked="" type="checkbox"/> Professional Use	<input type="checkbox"/> Consumer Use	<input type="checkbox"/> Closed System	

3.4 Other completed/ongoing regulatory processes that may affect suitability for substance evaluation

<input type="checkbox"/> Compliance Check	<input checked="" type="checkbox"/> Annex VI (CLP)
<input type="checkbox"/> Testing Proposal(s)	<input type="checkbox"/> Annex XIV (Authorisation)
<input type="checkbox"/> Substance Identification Issues	<input type="checkbox"/> Annex XVII (Restriction)
<input type="checkbox"/> ESR Programme	<input type="checkbox"/> Other (provide further details below)
<p>Currently evaluated in the framework of the PBT WG of ECHA. Entry in Annex VI (CLP): See 2.1</p>	

3.5 Information to be requested to clarify the suspected risk

<input checked="" type="checkbox"/> Information on toxicological properties	<input checked="" type="checkbox"/> Information on exposure
<input type="checkbox"/> Information on fate and behaviour	<input type="checkbox"/> Information on uses
<input type="checkbox"/> Information on ecotoxicological properties	<input type="checkbox"/> Other (provide further details below)
<input type="checkbox"/> Information on physico-chemical properties	
<p>Exact information to be required will be determined during the substance evaluation</p>	

3.6 Potential follow-up and link to risk management

<input type="checkbox"/> Restriction	<input type="checkbox"/> Harmonised C&L
<input type="checkbox"/> Authorisation	<input type="checkbox"/> Other (provide further details below)
<p>Depends on the outcome of substance evaluation</p>	