

Justification for the selection of a candidate CoRAP substance

Substance Name (Public Name):	4,4'-Propane-2,2-diylidiphenol, polymer with 2-methyloxirane
Chemical Group:	Organic
EC Number:	500-097-4
CAS Number:	37353-75-6
Submitted by:	Danish Environmental Protection Agency, Strandgade 29, 1401 Copenhagen. Denmark
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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

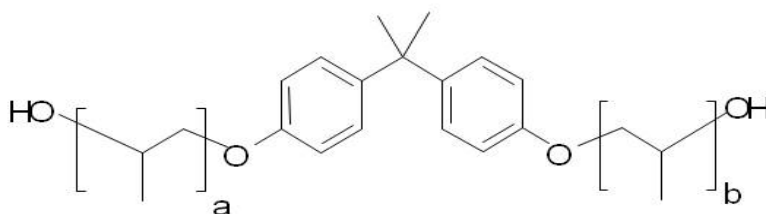
1.1 Name and other identifiers of the substance

Table 1: Substance identity

Public Name:	4,4'-Propane-2,2-diylidiphenol, polymer with 2-methyloxirane
EC number:	500-097-4
EC name:	4,4'-Isopropylidenediphenol, propoxylated
CAS number (in the EC inventory):	37353-75-6
CAS number:	37353-75-6
CAS name:	-
IUPAC name:	4,4'-Propane-2,2-diylidiphenol, polymer with 2-methyloxirane
Index number in Annex VI of the CLP Regulation	-
Molecular formula:	$C_{15}H_{16}O_2 \cdot (C_3H_6O)_n$ $n = 1 \text{ to } 4.5$
Molecular weight or molecular weight range:	286-518
Synonyms:	Phenol, 4, 4'-(1-methylethylidene)bis-, polymer with methyloxirane; 4,4'-Propane-2,2-diylidiphenol, polymer with 2-methyloxirane; BPA-3PO.

Type of substance Mono-constituent Multi-constituent UVCB

Structural formula:



$$a + b = n$$

$$n = 1 - 4.5$$

2 CLASSIFICATION AND LABELLING

2.1 Harmonised Classification in Annex VI of the CLP

None listed.

2.2 Proposal for Harmonised Classification in Annex VI of the CLP

None proposed.

2.3 Self classification

Classification and labelling according to CLP;

- Skin Irrit. 2; H315: Causes skin irritation.

Classification and labelling according to 67/548/EEC (DSD);

- Xi; R38: Irritating to skin.

Classification and labelling inventory is consistent with self classification and additionally include the following classifications:

- Eye Irrit. 2; H319; Causes serious eye irritation
- Skin Sens. 1; H317; May cause an allergic skin reaction.
- Aquatic Chronic 3; H412; Harmful to aquatic life with long lasting effects.

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 checked="" type="checkbox"/> Wide dispersive use	<input type="checkbox"/> Cumulative exposure
<input type="checkbox"/> (Suspected) Sensitiser	<input type="checkbox"/> Consumer use	<input type="checkbox"/> High RCR
<input type="checkbox"/> (Suspected) PBT	<input type="checkbox"/> Exposure of sensitive populations	<input checked="" type="checkbox"/> Aggregated tonnage
<input type="checkbox"/> Suspected endocrine disruptor	<input type="checkbox"/> Other (provide further details below)	

- 90-day study, two generation reproductive study, and prenatal study are missing.
- Bisphenol A, propoxylated (1-4.5 Moles) used in inks and toners.
- No data on the registered substance, all data provided are justified using read across.
- There is preliminary data from OECD 422 screening study on actual substance, no final report yet.

3.3 Information on aggregated tonnage and uses

<input type="checkbox"/> 1 - 10 tpa	<input type="checkbox"/> 10 - 100 tpa	<input type="checkbox"/> 100 - 1000 tpa	
<input checked="" type="checkbox"/> 1000 - 10,000 tpa	<input type="checkbox"/> 10,000 - 100,000 tpa		
<input type="checkbox"/> 100,000 - 1000,000 tpa	<input type="checkbox"/> > 1000,000 tpa		
<input type="checkbox"/> Confidential			
<i>Please provide further details</i>			
<input checked="" type="checkbox"/> Industrial use	<input checked="" type="checkbox"/> Professional use	<input type="checkbox"/> Consumer use	<input type="checkbox"/> Closed System
<i>Please provide further details</i>			

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

<input type="checkbox"/> Compliance check	<input type="checkbox"/> Dangerous substances Directive 67/548/EEC
<input type="checkbox"/> Testing proposal	<input type="checkbox"/> Existing Substances Regulation 793/93/EEC
<input type="checkbox"/> Annex VI (CLP)	<input type="checkbox"/> Plant Protection Products Regulation 91/414/EEC
<input type="checkbox"/> Annex XV (SVHC)	<input type="checkbox"/> Biocidal Products Directive 98/8/EEC
<input type="checkbox"/> Annex XIV (Authorisation)	<input type="checkbox"/> Other (provide further details below)
<input type="checkbox"/> Annex XVII (Restriction)	
<i>Please provide further details</i>	

3.5 Information to be requested to clarify the suspected risk

<input checked="" type="checkbox"/> Information on toxicological properties	<input type="checkbox"/> Information on physico-chemical properties
<input type="checkbox"/> Information on fate and behaviour	<input checked="" type="checkbox"/> Information on exposure
<input type="checkbox"/> Information on ecotoxicological properties	<input type="checkbox"/> Information on uses
<input type="checkbox"/> Other (provide further details below)	
<ul style="list-style-type: none"> • More detailed exposure data. • Data on the missing hazard information (90-day, EORGTS / two generation reproductive study, and prenatal study). 	

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)
<i>Please provide further details</i>			