

Justification for the selection of a substance for CoRAP inclusion

Substance Name (Public Name):	2-(2H-benzotriazol-2-yl)-p-cresol
Chemical Group:	Organic
EC Number:	219-470-5
CAS Number:	2440-22-4
Submitted by:	Czech Republic
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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

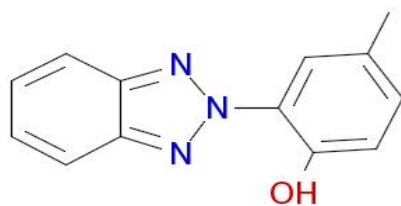
1.1 Other identifiers of the substance

Table 1: Substance identity

EC name:	2-(2H-benzotriazol-2-yl)-p-cresol
IUPAC name:	2-(2H-benzotriazol-2-yl)-4-methylphenol
Index number in Annex VI of the CLP Regulation	-
Molecular formula:	C ₁₃ H ₁₁ N ₃ O
Molecular weight or molecular weight range:	225.2459
Synonyms/Trade names:	p-Cresol, 2-(2H-benzotriazol-2-yl)-; Phenol, 2-(2H-benzotriazol-2-yl)-4-methyl-; TK 10047; Uvasorb SV

Type of substance Mono-constituent Multi-constituent UVCB

Structural formula:



1.2 Similar substances/grouping possibilities

None identified.

2 CLASSIFICATION AND LABELLING

2.1 Harmonised Classification in Annex VI of the CLP

- None listed.

2.2 Self classification

- In the registration

Classification and labelling according to GHS;

- Skin Sens. 1B; H317: May cause an allergic skin reaction.
- Aquatic Chronic 1; H410: Very toxic to aquatic life with long lasting effects.

Classification and labelling according to DSD;

- R43 May cause sensitisation by skin contact.
- R53 May cause long-term adverse effects in the aquatic environment.

Labelling: Xi;R43-53

- The following hazard classes are in addition notified among the aggregated self classifications in the C&L Inventory:
 - STOT RE 2; H373: May cause damage to organs.
 - Eye damage 1; H318: Causes serious eye damage.
 - Eye irritation 2; H319: Cause serious eye irritation.
 - Skin Sens. 1; H317: May cause an allergic skin reaction
 - Aquatic Chronic 4; H413: May cause long lasting harmful effects to aquatic life.
 - Not classified

2.3 Proposal for Harmonised Classification in Annex VI of the CLP

None proposed.

3 INFORMATION ON AGGREGATED TONNAGE AND USES

From ECHA dissemination site			
<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 – 1,000,000 tpa	
<input type="checkbox"/> 1,000,000 – 10,000,000 tpa	<input type="checkbox"/> 10,000,000 – 100,000,000 tpa	<input type="checkbox"/> > 100,000,000 tpa	
<input type="checkbox"/> <1 >+ tpa (e.g. 10+ ; 100+ ; 10,000+ tpa)		<input type="checkbox"/> Confidential	
<input checked="" type="checkbox"/> Industrial use	<input checked="" type="checkbox"/> Professional use	<input checked="" type="checkbox"/> Consumer use	<input type="checkbox"/> Closed System
<p>Formulation of Polyurethanes, manufacture of materials in rubbers</p> <p>Industrial: use in production of masterbatches, use as additive, use in foam production, use resulting in inclusion in plastic articles and products</p> <p>Professional: wide dispersive indoor/outdoor use resulting in inclusion in matrix (coatings, adhesives, polyurethanes)</p> <p>Consumer: use in coatings, inks, adhesives</p> <p>Articles service life: use in plastics, rubbers, coatings, adhesives, polyurethanes</p>			

4 JUSTIFICATION FOR THE SELECTION OF THE CANDIDATE CoRAP SUBSTANCE

4.1 Legal basis for the proposal

- Article 44(2) (refined prioritisation criteria for substance evaluation)
- Article 45(5) (Member State priority)

4.2 Selection criteria met (why the substance qualifies for being in CoRAP)

- Fulfils criteria as CMR/ Suspected CMR
- Fulfils criteria as Sensitiser/ Suspected sensitiser
- Fulfils criteria as potential endocrine disrupter
- Fulfils criteria as PBT/vPvB / Suspected PBT/vPvB
- Fulfils criteria high (aggregated) tonnage (*tpa* > 1000)
- Fulfils exposure criteria
- Fulfils MS's (national) priorities

4.3 Initial grounds for concern to be clarified under Substance Evaluation

Hazard based concerns		
CMR <input type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> R	Suspected CMR ¹ <input type="checkbox"/> C <input type="checkbox"/> M <input type="checkbox"/> R	<input type="checkbox"/> Potential endocrine disruptor
<input checked="" type="checkbox"/> Sensitiser	<input type="checkbox"/> Suspected Sensitiser ¹	
<input type="checkbox"/> PBT/vPvB	<input type="checkbox"/> Suspected PBT/vPvB ¹	<input type="checkbox"/> Other (please specify below)
Exposure/risk based concerns		
<input checked="" type="checkbox"/> Wide dispersive use	<input checked="" type="checkbox"/> Consumer use	<input type="checkbox"/> Exposure of sensitive populations
<input type="checkbox"/> Exposure of environment	<input checked="" type="checkbox"/> Exposure of workers	<input type="checkbox"/> Cumulative exposure
<input checked="" type="checkbox"/> High RCR	<input type="checkbox"/> High (aggregated) tonnage	<input type="checkbox"/> Other (please specify below)
<ul style="list-style-type: none"> • Combined RCRs for inhalation exposure is considerably above 0.5 and dermal around 0.5. Therefore, there is exposure concern. • High exposure to workers, possible consumer exposure. 		

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

<input type="checkbox"/> Compliance check, Final decision	<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 ; Biocidal Product Regulation (Regulation (EU) 528/2012)
<input type="checkbox"/> Annex XIV (Authorisation)	<input type="checkbox"/> Other (provide further details below)
<input type="checkbox"/> Annex XVII (Restriction)	

¹ CMR/Sensitiser: known carcinogenic and/or mutagenic and/or reprotoxic properties/known sensitising properties (according to CLP harmonized or registrant self-classification or CLP Inventory)

Suspected CMR/Suspected sensitiser: suspected carcinogenic and/or mutagenic and/or reprotoxic properties/suspected sensitising properties (not classified according to CLP harmonized or registrant self-classification)

Suspected PBT: Potentially Persistent, Bioaccumulative and Toxic

4.5 Preliminary indication of information that may need to be requested to clarify the concern

<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"/> Information ED potential	<input type="checkbox"/> Other (provide further details below)

4.6 Potential follow-up and link to risk management

<input checked="" type="checkbox"/> Harmonised C&L	<input type="checkbox"/> Restriction	<input type="checkbox"/> Authorisation	<input type="checkbox"/> Other (provide further details)
<ul style="list-style-type: none"> • Will depend on the information potentially to be requested. • For classification and labelling, specific concentration limits to be considered for mixtures. 			