

## Justification for the selection of a candidate CoRAP substance

<b>Substance Name (Public Name):</b>	2-ethylhexyl acetate
<b>Chemical Group:</b>	-
<b>EC Number:</b>	203-079-1
<b>CAS Number:</b>	103-09-3
<b>Submitted by:</b>	BE CA
<b>Published:</b>	20/03/2013

### 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

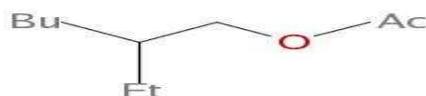
### 1.1 Name and other identifiers of the substance

**Table 1: Substance identity**

<b>Public Name:</b>	2-ethylhexyl acetate
<b>EC number:</b>	203-079-1
<b>EC name:</b>	2-ethylhexyl acetate
<b>CAS number (in the EC inventory):</b>	103-09-3
<b>CAS number:</b>	103-09-3
<b>CAS name:</b>	Acetic acid, 2-ethylhexyl ester
<b>IUPAC name:</b>	2-ethylhexyl acetate
<b>Index number in Annex VI of the CLP Regulation</b>	NA
<b>Molecular formula:</b>	C <sub>10</sub> H <sub>20</sub> O <sub>2</sub>
<b>Molecular weight or molecular weight range:</b>	172.2646
<b>Synonyms:</b>	Trade names on dissemination website : Acetic acid, 2-ethylhexyl ester (7CI, 8CI, 9CI) 1-Hexanol, 2-ethyl-, acetate (6CI) .beta.-Ethylhexyl acetate 2-Ethyl-1-hexanol acetate 2-Ethyl-1-hexyl acetate 2-Ethylhexyl acetate Octyl acetate

**Type of substance**     Mono-constituent     Multi-constituent     UVCB

**Structural formula:**



## **2 CLASSIFICATION AND LABELLING**

### **2.1 Harmonised Classification in Annex VI of the CLP**

Not applicable

### **2.2 Proposal for Harmonised Classification in Annex VI of the CLP**

Not applicable

### **2.3 Self classification**

The registration data includes the following self classification:

According to CLP criteria:

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

According to DSD criteria:

- Xi; R38 Irritation: Irritating to skin.

In addition are the following classification(s) included in the Classification and labeling inventory:

- Eye Irrit. 2; H319: Causes serious eye irritation.
- STOT SE 3; H335: May cause respiratory irritation.
- Aquatic Chronic 2; H411: Toxic 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 checked="" type="checkbox"/> Consumer use	<input type="checkbox"/> High RCR
<input type="checkbox"/> (Suspected) PBT	<input type="checkbox"/> Exposure of sensitive populations	<input type="checkbox"/> Aggregated tonnage
<input type="checkbox"/> Suspected endocrine disruptor	<input type="checkbox"/> Other (provide further details below)	

The substance is used by professionals and by consumers. The CSR however doesn't contain any calculated RCR values.

The registration data shows a potential concern for developmental toxicity, which should be further clarified.

There are no tests on reproductive toxicity available in the dossier with the registered substance. Read-across results with 2-ethylhexan-1-ol were used as key studies.

#### 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 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 checked="" 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

*Industrial use:*  
 PROC: 1, 2, 3, 4, 5, 7, 8a, 8b, 9, 10, 13, 15, 17  
*Uses by professional workers:*  
 PROC: 1, 2, 3, 4, 5, 8a, 8b, 9, 10, 11, 13, 15, 17  
*Uses by consumers:*  
 Use in coatings, cleaning agents, lubricants, consumer care products, co-formulant in plant production products

### 3.4 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
<input type="checkbox"/> Annex XIV (Authorisation)	<input type="checkbox"/> Other (provide further details below)
<input type="checkbox"/> Annex XVII (Restriction)	
Information on other completed/ongoing regulatory processes was not found.	

### 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 checked="" type="checkbox"/> Information on uses
<input checked="" type="checkbox"/> Other (provide further details below)	
<p>The potential concern for developmental toxicity should be further clarified. Further information on uses and exposure might be needed to clarify the concern.</p> <p>When going through the registration data more in detail other items might come up that need clarification. The above only reflects the most probable information to be requested to clarify the suspected risk, other options are however still open.</p>	

### 3.6 Potential follow-up and link to risk management

<input checked="" type="checkbox"/> Restriction	<input checked="" type="checkbox"/> Harmonised C&L	<input checked="" type="checkbox"/> Authorisation	<input checked="" type="checkbox"/> Other (provide further details)
<p>A first step could be to propose harmonized classification and labeling for 2-ethylhexyl acetate. Depending on the outcome of the evaluation however other/further RMMs (any of the above mentioned) could be initiated if warranted.</p>			