

Justification for the selection of a candidate CoRAP substance

Substance Name (Public Name):	methyl 4-hydroxybenzoate
Chemical Group:	
EC Number:	202-785-7
CAS Number:	99-76-3
Submitted by:	FRANCE
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NOTE

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

Contents

1	IDENTITY OF THE SUBSTANCE	3
1.1	Name and other identifiers of the substance	3
2	CLASSIFICATION AND LABELLING	4
2.1	Harmonised Classification in Annex VI of the CLP.....	4
2.2	Self classification	4
3	JUSTIFICATION FOR THE SELECTION OF THE CANDIDATE CORAP SUBSTANCE	5
3.1	Legal basis for the proposal	5
3.2	Grounds for concern	5
3.3	Information on aggregated tonnage and uses.....	5
3.4	Other completed/ongoing regulatory processes that may affect suitability for substance evaluation	6
3.5	Information to be requested to clarify the suspected risk	6
3.6	Potential follow-up and link to risk management.....	6

1 IDENTITY OF THE SUBSTANCE

1.1 Name and other identifiers of the substance

Table 1: Substance identity

Public Name:	methyl 4-hydroxybenzoate
EC number:	202-785-7
EC name:	methyl 4-hydroxybenzoate
CAS number (in the EC inventory):	99-76-3
CAS number:	99-76-3
CAS name:	Benzoic acid, 4- hydroxy-, methyl ester
IUPAC name:	methyl 4-hydroxybenzoate
Index number in Annex VI of the CLP Regulation	-
Molecular formula:	C ₈ H ₈ O ₃
Molecular weight or molecular weight range:	152.14 g/mol
Synonyms:	4-hydroxybenzoic_acid,_methyl_ester Benzoic acid, 4-hydroxy-, methyl ester

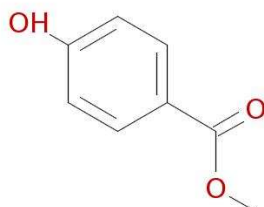
Type of substance:

Mono-constituent

Multi-constituent

UVCB

Structural formula:



2 CLASSIFICATION AND LABELLING

2.1 Harmonised Classification in Annex VI of the CLP

None

2.2 Proposal for Harmonised Classification in Annex VI of the CLP

None

2.3 Self classification

The registration data includes the following self classification: None

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

Skin Irrit. 2, H315: Causes skin irritation

Eye Irrit. 2, H319: Causes serious eye irritation

STOT SE 3, H335: May cause respiratory irritation

Muta. 2 H341 H341: Suspected of causing genetic defects

Acute Tox. 4 H302: Harmful if swallowed

Resp. Sens. 1 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

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

According to DHI study (Petersen et al., 2007) on enhancing the ED priority list focus on LPV chemicals:

The substance is readily biodegradable and has a low potential for bioaccumulation (EUSES).

A high direct human exposure is expected.

Human health: Cat 1 (At least one study providing evidence of endocrine disruption in an intact organism. Not a formal weight of evidence approach).

Wildlife: Cat 3b (substance with no or insufficient data gathered).

Overall categorization: Cat 1.

Classification from the notification (Muta. 2 and Resp. Sens 1. in particular) need to be checked.

3.3 Information on aggregated tonnage and uses

<input type="checkbox"/> 1 - 10 t	<input type="checkbox"/> 10 - 100 t	<input type="checkbox"/> 100 - 1000 t	<input checked="" 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 type="checkbox"/> Professional Use	<input checked="" 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 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)
Not known at this stage	

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 checked="" 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	
Exact information required to be determined during the substance evaluation.	

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)
Depends on the outcome of substance evaluation	