

# Social partners and the Info Cards

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64

use restrictions

163

Substances of Very High Concern

460

risk management proposals

14 000

registered under REACH

120 000

classified with GHS

2 million

study summaries

## Chromium (VI) trioxide

↓ Other names: [IUPAC names \[18\]](#) [Regulatory processes names \[3\]](#) [Trade names \[5\]](#) ↓ Groups:  

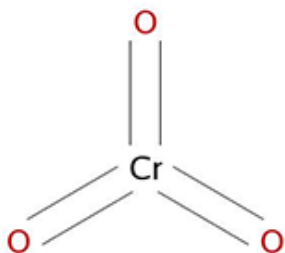


### Substance identity

EC no: 215-607-8

CAS no: 1333-82-0

Mol. formula: CrO<sub>3</sub>



### Hazard classification & labelling



*Danger!* According to the [Harmonised Classification and Labelling](#) approved by the European Union, this is fatal if inhaled, is very toxic to aquatic life with long lasting effects, causes damage to organs through prolonged or repeated exposure, is very toxic to aquatic life, may cause cancer, causes severe skin burns and eye damage, may cause genetic defects, is toxic if swallowed, is toxic in contact with skin, may cause fire or explosion (strong oxidiser), is suspected of damaging fertility, may cause allergy or asthma symptoms or breathing difficulties if inhaled and may cause an allergic skin reaction.

Additionally, the classification provided by companies to ECHA in [REACH registrations](#) identifies that this substance is fatal in contact with skin and is very toxic to aquatic life.

### Hazardous effects



### Important to know

- Substance of very high concern (SVHC) and included in the [candidate list for authorisation](#).
- Substance of very high concern requiring authorisation before it is used ([Annex XIV of REACH](#)).

### How to use it safely

- [Precautionary measures](#) suggested by manufactures and importers of this substance.
- [Guidance on the safe use](#) of the substance provided by manufactures and importers of this substance.

### About this substance

This substance is manufactured and/or imported in the European Economic Area in 10,000 to 100,000 tonnes per year.

ECHA has no registered data indicating the type of article into which the substance has been processed.

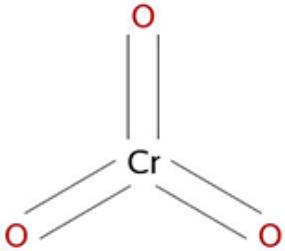
This substance is used in the following products: pH regulators and water treatment products, non-metal-surface treatment products, metal surface treatment products, laboratory chemicals and adsorbents. This substance has an industrial use resulting in manufacture of another substance (use of intermediates). [...](#)

## Substance identity

EC no: 215-607-8

CAS no: 1333-82-0

Mol. formula: CrO3



## Physical classification & labeling



## Environmental effects



# Substance identity

Most relevant substance identifiers  
molecular formula  
structural formula

### Hazard classification & labelling



*Danger!* According to the **Harmonised Classification and Labelling** approved by the European Union, this is fatal if inhaled, is very toxic to aquatic life with long lasting effects, causes damage to organs through prolonged or repeated exposure, is very toxic to aquatic life, may cause cancer, causes severe skin burns and eye damage, may cause genetic defects, is toxic if swallowed, is toxic in contact with skin, may cause fire or explosion (strong oxidiser), is suspected of damaging fertility, may cause allergy or asthma symptoms or breathing difficulties if inhaled and may cause an allergic skin reaction.

Additionally, the classification provided by companies to ECHA in **REACH registrations** identifies that this substance is fatal in contact with skin and is very toxic to aquatic life.

## Hazard Classification & Labelling

Based on Harmonised Classification and Labelling

REACH registrations

CLP notifications

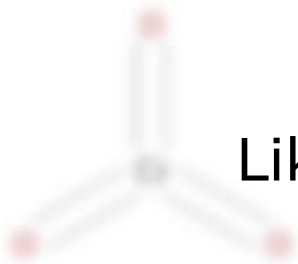
**Hazardous effects**

C M S

## Hazardous effects

Critical hazardous effects

Like carcinogenicity or toxic to reproduction



## Important to know

Regulatory activities  
like risk management measures

### Important to know

- Substance of very high concern (SVHC) and included in the [candidate list for authorisation](#).
- Substance of very high concern requiring authorisation before it is used ([Annex XIV of REACH](#)).

## About this substance

Substance use

how consumers and workers may be exposed

### About this substance

This substance is manufactured and/or imported in the European Economic Area in 10,000 to 100,000 tonnes per year.

This substance is used in the following products: pH regulators and water treatment products, non-metal-surface treatment products, metal surface treatment products, laboratory chemicals and adsorbents. This substance has an industrial use resulting in manufacture of another substance (use of intermediates).

Release to the environment of this substance is likely to occur from industrial use: as an intermediate step in further manufacturing of another substance (use of intermediates), as processing aid, manufacturing of the substance, formulation of mixtures, formulation in materials, in processing aids at industrial sites and in the production of articles. ...



**Substance identity**

**Hazard identification & labeling**

**Hazardous effects**

**How to use it safely**

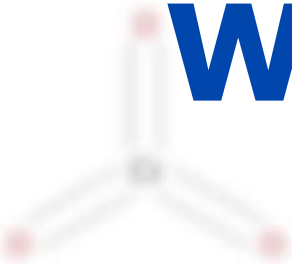
- Precautionary measures suggested by manufactures and importers of this substance.
- Guidance on the safe use of the substance provided by manufactures and importers of this substance.

INFOCARD - last updated: 18/05/2015

**How to use it safely**  
Precautions  
guidance on safe use from dossiers



# Want more detail?



### About this substance

The substance is manufactured under the name of the substance in the EU and is used in the following products:

It is used in the following products including the type of article into which the substance has been processed:

The substance is used in the following products: all regulated and water treatment products, non-regulated water treatment products, water supply treatment products, laboratory reagents and standards. The substance has an industrial use resulting in manufacture of another substance (see identification).

### How to use it safely

[Preparation, transport, handling, storage and disposal of the substance.](#)

[Guidance on the safe use of the substance provided to manufacturers and users of the substance.](#)

## 4,4'-isopropylidenediphenol

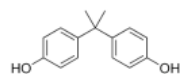
Short substance description. Lorem ipsum dolor sit amet consectetur adipiscing elit nullam et metus magna.

Substance description

Scientific properties

Brief Profile – Last updated: 08/12/2014 [Print](#)

### Substance identity



**EC Name:** 215-607-8

**IUPAC Name:** 2,2-bis (4-hydroxyphenol) propane

**Other names**

**Smiles:** Oc1ccc(cc1)C(c2ccc(O)cc2)(C)C

**InChI:** 1S/C15H16O2c1-15(2,11-3-7-13(16)8-4-11)12-5-9-14(17)10-6-12/h3-10,16-17H,1-2H3

**Type of substance:** Mono constituent substance

**Origin:** Organic

**Registered compositions:** 7

**Of which contain:** 2 impurities relevant for classification

0 additives relevant for classification

**Substance listed:** EINECS

**EC Number:** 80-05-7

**CAS Number:** C15H16O2

**Index Number:** 604-030-00-0

**Molecular Formula:** C15H16O2

### Substance identity

Safety classification & labelling

Critical properties

Regulatory actions

About this substance

Registrants/Suppliers

Other names

[Back to top](#)

### Safety Classification & Labelling



**Danger!** According to the **Harmonised Classification and Labelling (ATP 1)** approved by the European Union this substance is fatal if inhaled, may cause genetic defects, causes damage to organs through prolonged or repeated exposure, may cause cancer, is very toxic to aquatic life with long lasting effects, is toxic in contact with skin, is toxic if swallowed, causes severe skin burns and eye damage, may cause fire or explosion (strong oxidiser), is suspected of damaging fertility or the unborn child, may cause an allergic skin reaction, and may cause allergy or asthma symptoms or breathing difficulties if inhaled.

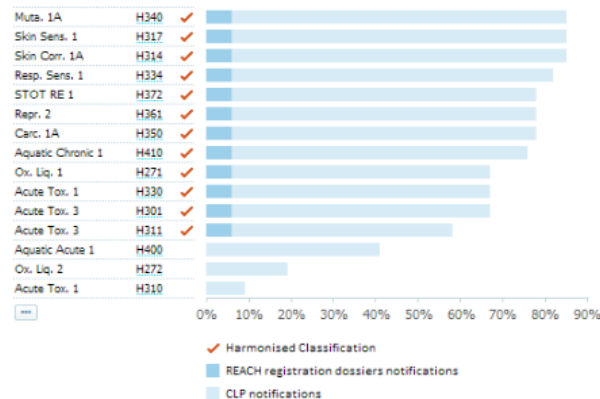


**Additionally,** the Classification provided by companies to ECHA in **CLP notifications** identifies this substance is very toxic to aquatic life, may intensify fire (oxidiser) and is fatal in contact with skin.



Lorem ipsum dolor sit amet.

### Breakdown of all 2 605 C&Ls notifications submitted to ECHA



At least one notifier has indicated that an impurity or an additive present in the substance impacts the notified classification.



Physical-chemical properties

Environmental fate and pathways

Ecotoxicological information (including PNEC)

Toxicological information (including DNEL)

Study records type overview

Information in downloadable format

## Scientific properties

### 4,4'-isopropylidenediphenol

Short substance description. Lorem ipsum dolor sit amet consectetur adipiscing elit nullam et metus magna.

Substance description Scientific properties

Brief Profile – Last updated: 08/12/2014

#### Physical & Chemical Properties

This section provides physicochemical information compiled from all automatically processable data from REACH registration dossiers that is available to ECHA at the time of generation. The quality and correctness of the information remains the responsibility of the data submitter. The Agency thus cannot guarantee the correctness of the information displayed.

#### Physical & Chemical Properties

- Appearance / physical state / colour
- Melting / freezing point
- Boiling point
- Density
- Vapour pressure
- Partition coefficient
- Water solubility
- Solubility in organic solvents / fat solubility
- Surface tension
- Flash point
- Auto flammability
- Flammability
- Explosiveness
- Oxidising
- Oxidation reduction potential
- pH
- Dissociation constant
- Viscosity
- Environmental fate & pathways
- Ecotoxicological information
- Toxicological information

#### Appearance / physical state / colour

##### Study results

9 studies submitted  
8 studies processed

**Physical state at 20°C and 1013 hPa**  
Solid (78%), Liquid (22%)

**Form**  
Crystalline (62%), Suspension (29%), Paste (9%)

**Odour**  
Pungent (88%), Garlic-like (12%)

**Substance type**  
Organic (88%), Natural substance (12%)

##### Type of Study provided

###### Studies with data

Key study	4		
Supporting study	1		
Weight of evidence	2	2	
Other			

###### Data waiving

no data waiver studies

##### Summaries

2 summaries provided  
1 summary processed

**Physical state at 20°C and 1013 hPa**  
Solid

#### Melting / freezing point

##### Study results

7 studies submitted  
3 studies processed

**Melting / freezing point**  
100 - 110 °C @ 100 050 - 200 000 Pa (4)

##### Type of Study provided

###### Studies with data

Key study	1	1	
Supporting study	3		
Weight of evidence			
Other			

###### Data waiving

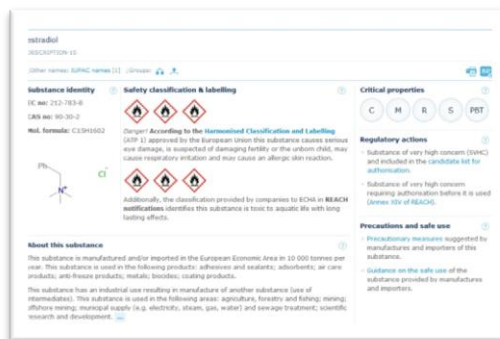
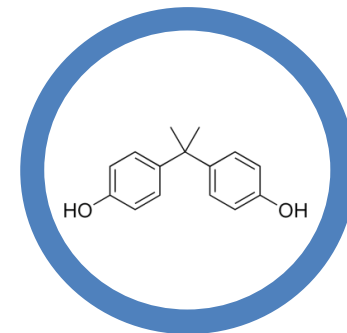
Not feasible 1  
Sol. unjustified  
Exposure cons.

##### Summaries

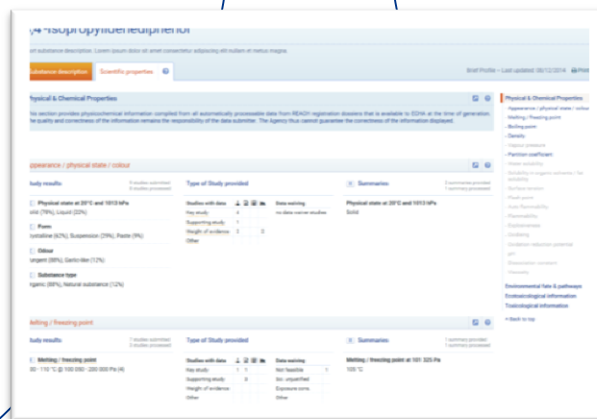
1 summary provided  
1 summary processed

**Melting / freezing point at 101 325 Pa**  
105 °C

# Infocard

# Brief Profile



# Source Data



Pre-registration List



Registration Dossiers



CoRAP List



Authorisation List



Restriction List



Harmonised C&Ls



Approved Active Substances



PIC Annex I



# Communicating about it

- Media briefings
- Press release
- Social media (Twitter, LinkedIn, Facebook)
- Breakfast briefings, lunch hour presentation
- A focus on workers - reaching out and raising awareness
  - Video? Social media?
  - Posters? Leaflets?
  - Incorporated in training sessions?
  - Web content?
  - Your news vehicles?



Let's work together on this

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