



# STEARATE D'OCTYLE

## Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis

SDS Reference Number: STEARATE D'OCTYLE

Issue date: 6/2/2008 Revision date: 10/14/2024 Supersedes version of: 6/10/2015 Version: 5.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Substance name : STEARATE D'OCTYLE  
EC-No. : 292-951-5 ; 244-754-0  
CAS-No. : 91031-48-0 ; 22047-49-0  
REACH registration No. : 01-2119538152-47  
Product code : STEARATE D'OCTYLE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses

Industrial/Professional use spec : Industrial

#### 1.3. Details of the supplier of product safety information sheet

INTERCHIMIE  
ZAC du Parc  
13 rue Louis Blériot  
FR- 77290 COMPANS  
T T: +33 (0)1 64 77 76 27  
[qualite@interchimie.fr](mailto:qualite@interchimie.fr), [www.interchimie.fr](http://www.interchimie.fr)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Comments : UVCB  
CAS-No. : 91031-48-0 ; 22047-49-0

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EC-No. : 292-951-5 ; 244-754-0

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acides gras en C16-18, esters d'éthyl-2 hexyle	CAS-No.: 91031-48-0 / 22047-49-0 EC-No.: 292-951-5 / 244-754-0 REACH-no: 01-2119538152-47	100	Not classified

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: This product is not considered to be hazardous.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash with soapy water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Get medical advice/attention. Aspiration hazard.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. May result in aspiration into the lungs.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Foam. Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide.
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#### 5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment.
Other information	: Prevent fire fighting water from entering the environment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Spill area may be slippery. Evacuate area.
No additional information available	

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material.
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### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : This product is not considered to be hazardous.  
Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry place. Store in a closed container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Incompatible products : Strong acids. Strong bases. Oxidizing agent.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL and PNEC

STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	33 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	23.5 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	1.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5.79 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	16 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	1.44 mg/kg dwt
PNEC aqua (marine water)	1.44 mg/kg dwt
PNEC (Soil)	
PNEC soil	20 mg/kg dwt

### 8.2. Exposure controls

#### Personal protection equipment

##### Eye and face protection

###### Eye protection:

Safety glasses

##### Skin protection

###### Hand protection:

Protective gloves

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### Other skin protection

#### Materials for protective clothing:

Protective clothing

### Respiratory protection

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless. Yellow.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: 4 °C
Freezing point	: Not available
Boiling point	: > 350 °C
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 218 °C
Auto-ignition temperature	: > 150 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: $\approx 10 \text{ mm}^2/\text{s}$ (40°C)
Viscosity, dynamic	: 14 – 46 mPa·s (20°C)
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: $\approx 10$
Vapour pressure	: < 0.00000166 Pa (20°C)
Vapour pressure at 50°C	: Not available
Density	: 860 kg/m <sup>3</sup> (20°C)
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable at normal handling and storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

### 10.4. Conditions to avoid

Direct sunlight. Open flame.

### 10.5. Incompatible materials

Strong acids. Reducing agent. Oxidizing agent. Strong bases.

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### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. fume.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)

LD50 oral rat	> 4300 mg/kg bodyweight
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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

#### STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)

NOAEC (inhalation, rat, vapour, 90 days)	0.6384 mg/l Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
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Aspiration hazard : Not classified

#### STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)

Viscosity, kinematic	≈ 10 mm <sup>2</sup> /s (40°C)
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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term : Not classified  
(acute)  
Hazardous to the aquatic environment, long-term : Not classified  
(chronic)

#### STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)

LC50 - Fish [1]	> 10000 mg/l Danio rerio
EC50 - Crustacea [1]	> 100 mg/l Daphnia magna
EC50 72h - Algae [1]	300 mg/l Desmodesmus subspicatus
NOEC chronic fish	> 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

### 12.2. Persistence and degradability

#### STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)

Persistence and degradability	Readily biodegradable.
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STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)	
Biodegradation	76 – 81 % (OECD 301B). Facilement biodégradable.
Acides gras en C16-18, esters d'éthyl-2 hexyle (91031-48-0 / 22047-49-0)	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)	
Partition coefficient n-octanol/water (Log Pow)	≈ 10

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

STEARATE D'OCTYLE (91031-48-0 ; 22047-49-0)	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : La substance / le mélange n'a pas de propriétés de perturbation endocrinienne.

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated for transport				
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

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### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

##### REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

##### POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

##### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.2. Chemical safety assessment

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

## SECTION 16: Other information

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Safety Data Sheet (SDS), EU