

**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

1256602

Review date: 15/10/2019  
Printing date: 15/10/2019

## 01 Identification of the substance/mixture and of the company/undertaking

### • 1.1 Product identifier

- Trade name:  
ISOSTEARYL ISOSTEARATE
- Article number:  
5166
- CAS Number:  
41669-30-1
- EC number:  
255-485-3
- Registration number (REACH (EC) n° 1907/2006)  
01-2120057651-58-0003
- INCI (PCPC):  
Isostearyl Isostearate
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation  
Ingredient (raw material) for cosmetic use.  
For additional information on the fields of use of this product, please contact us.

### • 1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:  
Gattefossé SAS  
36, chemin de Genas  
CS 70070  
69804 Saint Priest cédex  
Tel: (33) 04.72.22.98.00  
Fax: (33) 04.78.90.45.67
- Further information obtainable from:  
Gattefossé SAS - Regulatory Department [regulatory@gattefosse.com](mailto:regulatory@gattefosse.com)
- 1.4 Emergency telephone number:  
FRANCE: + 33 (0)1 45 42 59 59 (ORFILA / INRS) For other EU countries, please consult: [http://echa.europa.eu/help/nationalhelp\\_contact\\_en.asp](http://echa.europa.eu/help/nationalhelp_contact_en.asp) CHINE: GATTEFOSSE CHINA TRADING CO., LTD. Tel: +86 021-58958010 / Fax: +86 021-58958015.

## 02 Hazards identification

### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008  
Void

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms  
Void
- Signal word

(continued on page 2)

# SAFETY DATA SHEET

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PRODUCT : ISOSTEARYL ISOSTEARATE

(continued of page 1)

- Void
- Hazard statements
- Void
- **GHS label elements**
- Void
- **US NFPA 704 (National Fire Protection Association) Hazard Rating System**
- Health hazard:  
Rating 0: Normal material.
- Flammability:  
Rating 0: Will no burn.
- Reactivity:  
Rating 0: Stable.
- Other hazard information:  
None.
- 2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT:  
Not applicable.
- vPvB:  
Not applicable.

## 03 Composition/information on ingredients

### 3.1 Chemical characterization:

CAS No.	Description
41669-30-1	Isooctadecyl isooctadecanoate

- Identification number(s)
- EC number:  
255-485-3

## 04 First aid measures

### 4.1 Description of first aid measures

- 
- **General information:**  
No special measures required.
- **After inhalation:**  
Supply fresh air ; consult doctor in case of complaint.
- **After skin contact:**  
Wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Seek immediate medical advice.
- **Information for doctor:**  
No further relevant information available.
- 4.2 Most important symptoms and effects, both acute and delayed  
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

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(continued on page 3)

# SAFETY DATA SHEET

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PRODUCT : ISOSTEARYL ISOSTEARATE

(continued of page 2)

## 05 Firefighting measures

### 5.1 Extinguishing media

#### 5.1 Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

### 5.3 Advice for firefighters

No special measures required.

#### • Protective equipment:

No special measures required.

## 06 Accidental release measures

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

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

Ensure adequate ventilation.

## 07 Handling and storage

### • Handling:

#### 7.1 Precautions for safe handling

No special measures required.

#### • Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

No special measures required.

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

No special requirements.

### • Storage:

#### • Requirements to be met by storerooms and receptacles:

No special requirements.

#### • Information about storage in one common storage facility:

Not required.

### 7.3 Specific end use(s)

No further relevant information available.

## 08 Exposure controls/personal protection

### 8.1 Control parameters

-

#### • Ingredients with limit values that require monitoring at the workplace:

Not required.

#### • Additional information:

The lists valid during the making were used as basis.

### 8.2 Exposure controls

(continued on page 4)

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Review date: 15/10/2019  
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PRODUCT : ISOSTEARYL ISOSTEARATE

(continued of page 3)

- 
- **Personal protective equipment:**
- General protective and hygienic measures:  
The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not necessary if room is well-ventilated.
- Protection of hands: Protective gloves
- Material of gloves
- Eye protection: Safety glasses
- Body protection: Protective work clothing

### 09 Physical and chemical properties

<b>Appearance :</b>	
<b>Form:</b>	Oily
<b>Odour:</b>	Characteristic
<b>Flash point:</b>	Not determined.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature (auto ignition):</b>	Not determined.
<b>Danger of explosion:</b>	Not determined.
<b>Solubility in / Miscibility with water:</b>	
	Insoluble.

### 10 Stability and reactivity

- 10.1 Reactivity  
Stable.
- 10.2 Chemical stability  
Stable.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions  
No dangerous reactions known.
- 10.4 Conditions to avoid  
No further relevant information available.
- 10.5 Incompatible materials:**  
No further relevant information available.
- 10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide

### 11 Toxicological information

**11.1 Summary :**  
A summary of the evaluation is presented here after.

- **Acute toxicity:**
- LD/LC50 values relevant for classification:  
**41669-30-1      Isooctadecyl isooctadecanoate**  
Oral, LD50: > 2001 mg/kg (rat)
- Primary irritant effect:
- on the skin:  
No irritant effect.  
Not classified (Regulation CLP (EC) No 1272/2008).

(continued on page 5)

**SAFETY DATA SHEET**  
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1256602

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*(continued of page 4)*

- on the eye:  
No irritating effect.  
Not classified (Regulation CLP (EC) No 1272/2008).
- Sensitization:  
No sensitising effects known.  
Not classified (Regulation CLP (EC) No 1272/2008).
- **Subacute to chronic toxicity:**  
Not classified (Regulation CLP (EC) No 1272/2008).
- **Additional toxicological information:**  
The substance is not subject to classification according to the latest version of the EU lists.

**Toxicological information about product :**

Only the studies important for the product classification are listed here after. Contact us for the complete list of studies.

- Primary cutaneous and corrosive irritation :
  - Species :  
Rabbit
  - Concentration :  
Pure
  - Result :  
Non irritant.
  - Reference :  
Gattefossé data
  - Product tested : ISOSTEARATE ISOSTEARYLE

- Ocular irritation and reversibility :
  - Species :  
Rabbit
  - Concentration :  
Pure
  - Result :  
Slightly irritant.
  - Reference :  
Gattefossé data
  - Product tested : ISOSTEARATE ISOSTEARYLE

- Acute toxicity (oral) :
  - Species :  
Rat
  - Concentration :  
Pure
  - Result : LD0 > 2000 mg/kg
  - Reference :  
Gattefossé data
  - Product tested : ISOSTEARATE ISOSTEARYLE

- Mutagenicity/Genotoxicity :
  - Method :  
Ames - Reverse Mutation Test Using Bacteria.  
With and without metabolic activation.
  - Result :  
Negative.
  - Reference :  
Gattefossé data

*(continued on page 6)*

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

1256602

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PRODUCT : ISOSTEARYL ISOSTEARATE

- Product tested : ISOSTEARATE ISOSTEARYLE

(continued of page 5)

### 12 Ecological information

#### 12.1 Summary :

A summary of the evaluation is presented here after.

- Toxicity:  
No further relevant information available.
- **12.2 Persistence and degradability**  
Not classified (Regulation CLP (EC) No 1272/2008).  
No data available.
- **Behaviour in environmental systems:**
- 12.3 Bioaccumulative potential  
No data available.  
Not classified (Regulation CLP (EC) No 1272/2008).
- **12.5 Results of PBT and vPvB assessment**  
Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

#### Indications about product :

No ecotoxicity study has been done on the product.

The ecotoxicity assessment of our product is based on a read-across approach (structurally related substances). Environment effect and environmental fate of our product are predicted from data on similar substances.

### 13 Disposal considerations

#### 13.1 Waste treatment methods

- Recommendation  
Must be disposed of an incinerator.
- Recommendation about packaging :  
Disposal must be made according to official regulations.  
Packaging may be reused or recycled after cleaning.

### 14 Transport information

#### • 14.1 UN-Number

Not regulated.

**ADR** Void

**IMDG** Void

**IATA** Void

#### • 14.2 UN proper shipping name

Not regulated.

**ADR** Void

**IMDG** Void

**IATA** Void

#### • 14.3 Transport hazard class(es)

Not regulated.

**ADR**

**Class** Void

(continued on page 7)

**SAFETY DATA SHEET**  
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1256602

Review date: 15/10/2019  
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PRODUCT : ISOSTEARYL ISOSTEARATE

(continued of page 6)

**IMDG**

**Class** Void

**IATA**

**Class** Void

• **14.4 Packing group**

Not regulated.

**ADR** Void

**IMDG** Void

**IATA** Void

• **14.5 Environmental hazards:**

Not applicable.

• **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

• **Transport/Additional information:**

Not applicable.

## 15 Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Labelling according to EU guidelines:**

The substance is not subject to classification according to EU lists and other sources of literature known to us.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .

• **National regulations:**

• Additional classification according to Decree on Hazardous Materials, Annex II:  
Not classified.

• Classification according to VbF:  
Not classified.

• Other regulations, limitations and prohibitive regulations

• Substances of very high concern (SVHC) according to REACH, Article 57  
Not classified SVHC.

• Classification WGK (Water hazard classes - Wassergefährdungsklassen):  
Wassergefährdungsklasse (WGK) : 1 (little polluting).

• Classification HMIS (Hazardous Materials Identification System)

- Health:

Cat 0 : no significant risk to health.

- Flammability:

Cat 0: Materials that will not burn.

- Reactivity (HMIS® I and II - now obsolete)

Please consult NFPA classification.

- Physical Hazard (HMIS® III):

Cat 0: Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose , condense, or self-react. Non-explosives.

- Personal Protection:

Cat C: Safety glasses + Gloves + Protective apron.

(continued on page 8)

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1256602

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Printing date: 15/10/2019

PRODUCT : ISOSTEARYL ISOSTEARATE

(continued of page 7)

- **International rules :**

- USA :

Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under other federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

### 16 Other information

Regulatory requirements relative to the distribution of this MSDS : In accordance with the regulatory requirements, all information in the MSDS must be transmitted by the MSDS recipient to the health authorities, to any party receiving the products and to any other person likely to be exposed to the products.

Asterisks (\*) on life show modifications with regard to last chemical safety data sheet.

- **Department issuing MSDS:**

Gattefossé SAS - Regulatory Department regulatory@gattefosse.com

- **Liability clause :**

The information contained in this data sheet is based on our knowledge of the related product on the date indicated, but does not amount to a guarantee in respect of the product's properties and does not give rise to any contractual legal tie. This information is given in utmost good faith. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. This data sheet does not under any circumstance replace knowledge and application by the user of all laws and regulations relevant to his own operations. The user shall be solely liable for the precautions taken relevant to the use made of the products. The list of related laws and regulations is given simply to help the user to fulfil the obligations incumbent upon him for use of the product. This must not be considered an exhaustive list and does not exempt the user from ensuring that he may possibly come under other obligations pursuant to laws or regulation other than those indicated relating to the possession and manipulation of the product for which he shall be solely liable.

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative