

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 19.07.2012

Version: 1

Revision: 19.07.2012

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

- **1.1 Product identifier**
- **Trade name:** **IMWITOR 308**
- **CAS Number:**  
26402-26-6
- **EC number:**  
247-668-1
- **1.2 Relevant identified uses of the substance or mixture and uses advised against: -**
- **Uses advised against: -**
- **Application of the substance / the preparation:**  
Raw material for industrial applications  
Cosmetic raw material
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**  
CREMER OLEO GmbH & Co. KG  
Glockengiesserwall 3  
20095 Hamburg  
Germany
- Tel.: +49-40-32011-0  
Fax: +49-40-321757
- **Email competent person:** quality47@cremer-gruppe.com
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**  
GIZ-Nord, Göttingen, Germany  
+49 551 19240

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The substance is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- **Information concerning particular hazards for human and environment:**  
No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable

## SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterization: Substances**
- **CAS No. Description:**  
26402-26-6 Octanoic acid, monoester with 1,2,3-propanetriol
- **Identification number(s):**
- **EC number:** 247-668-1

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### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist or in case of doubt, seek medical advice.
- **After inhalation:** Supply fresh air; consult a doctor in case of pain.
- **After skin contact:**  
Remove soiled clothes and shoes.  
Immediately wash with water and soap and rinse thoroughly.  
Do not use solvents or thinners.
- **After eye contact:**  
Rinse opened eye for several minutes under running water.  
If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.  
Do not induce vomiting without a physician.
- **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** Symptomatic treatment

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** High volume water jet
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire, the following can be released:  
Carbon monoxide and carbon dioxide  
Fume
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective clothing.  
Avoid contact with eyes and skin.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with non-combustible material like sand, soil or diatomite.  
Make sure to recycle or dispose of in suitable receptacles.  
Warm water and cleansing agent
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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## SECTION 7: Handling and storage

### · 7.1 Precautions for safe handling

Avoid contact with eyes and skin.

Do not use pressure to empty container!

### · Information about protection against explosions and fires:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Observe the general rules of industrial fire protection.

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

#### · Storage:

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

Store container tightly sealed at a cool and dry place with sufficient ventilation.

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

Store away from foodstuffs.

Store away from feed.

Store away from acids.

Do not store together with alkalies (caustic solutions).

Store away from strong oxidizers.

#### · Further information about storage conditions: Protect from heat.

#### · Storage class: 11 Combustible solids

#### · 7.3 Specific end use(s) No further relevant information available

## SECTION 8: Exposure controls/personal protection

### · Additional information about design of technical systems:

Install appropriate mechanical ventilation.

No further data; see item 7.

### · 8.1 Control parameters

#### · Components with limit values that require monitoring at the workplace: Not required

#### · CAS No. Designation of material % Type Value Unit

#### · Additional Occupational Exposure Limit Values for possible hazards during processing:

Observe general threshold limit for dust.

#### · Additional information: The lists that were valid during the creation were used as basis.

### · 8.2 Exposure controls

#### · Personal protective equipment:

#### · General protective and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

Use skin protection cream for skin protection.

Vacuum contaminated clothing. Do not blow or brush off contamination.

#### · Breathing equipment:

Under normal conditions of use not required

In case of unintentional release of substance, exceeding the occupational exposure limit value:

Short term filter device:

Filter P2

Filter P3

Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.

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· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/substance/preparation.

Due to missing tests no recommendation to the glove material can be given for the product / preparation / chemical mixture.

Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves:**

For undissolved solid substances following materials may be suitable:

nitrile rubber (NBR), butyl rubber (BR), fluorocarbon rubber (FKM) and polychloroprene rubber (CR)

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material:**

The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Safety glasses

Face protection

· **Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information:**

· **Appearance:**

· <b>Form:</b>	Solid
· <b>Colour:</b>	White
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined

· **pH-value:** Not applicable

· **Change in condition:**

· <b>Melting point/Melting range:</b>	~36°C
· <b>Boiling point/Boiling range:</b>	Not determined

· **Flash point:** > 180°C

· **Flammability (solid, gaseous):** Product is not flammable.

· **Ignition temperature:**

· **Decomposition temperature:** Not determined

· **Self ignition temperature:** Not determined

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

· <b>Lower:</b>	Not applicable
· <b>Upper:</b>	Not applicable

· **Vapour pressure:** Not applicable

· <b>Density at 20°C:</b>	0.95 g/cm <sup>3</sup>
· <b>Relative density:</b>	Not determined
· <b>Vapour density:</b>	Not applicable
· <b>Evaporation rate:</b>	Not applicable

· **Solubility in / Miscibility with Water:** Insoluble

· **Partition coefficient (n-octanol/water):** Not determined

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· <b>Viscosity:</b>	
<b>dynamic:</b>	Not applicable
<b>kinematic:</b>	Not applicable
· <b>9.2 Other information</b>	No further relevant information available

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications
- **10.3 Possibility of hazardous reactions** Strong exothermic reactions with below mentioned substances
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:**
  - Strong acids
  - Strong leaches
  - Strong oxidants
- **10.6 Hazardous decomposition products:**
  - No hazardous decomposition products if instructions for storage and handling are followed

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
  - Oral LD<sub>50</sub> > 2000 mg/kg (rat) (OECD 401)
- **Primary irritant effect:**
- **on the skin:** No irritating effect species: rabbit OECD test 404
- **on the eye:** Light irritation possible
- **Sensitization:** No sensitizing effects known
- **Other information (about experimental toxicology):**
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**
  - Presently available data show no carcinogenic, mutagenic or teratogenic effects.
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No data available
- **STOT-repeated exposure:** No data available
- **Aspiration hazard** No data available

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
  - EC<sub>50</sub>/48h 31.6 mg/l (Daphnia magna) (OECD 202)
- **12.2 Persistence and degradability** No further relevant information available
- **Other information:**
  - The product is easily biodegradable.
  - OECD 301 F
  - Biological degradation: 96% after 8 days
  - OECD 301 A
- **12.3 Bioaccumulative potential** No further relevant information available
- **BCF:** No data
- **12.4 Mobility in soil** No further relevant information available

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- **Additional ecological information:**
- **General notes:**  
Negative ecological effects are, according to the current state of knowledge, not to be expected.  
Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous to water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects** No further relevant information available

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.  
Disposal according to instructions of local authorities  
Disposal in an appropriate incinerator adhering to local authority requirements (EWC, European Waste Catalogue)
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

· <b>14.1 UN-Number</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
· <b>UN "Model Regulation":</b>	-

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:**  
Water hazard class 1 (Assessment by list): slightly hazardous for water  
According to VwVwS from 27.7.2005 (German regulation)  
Ident number.: 690

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:**

KFT Chemieservice GmbH  
Im Leuschnerpark. 3 64347 Griesheim  
Postfach 1451 64345 Griesheim  
Germany

Phone: +49 6155 86829-0 Fax: +49 6155 86829-25

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· **Contact:** Dr. Nicole Rugen-Penkalla

· **Abbreviations and acronyms:**

ICAO: International Civil Aviation Organization

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

GHS: Globally Harmonized 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

· **Sources:** external safety data sheet