

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

Printing date: 16.07.2012

Version: 1

Revision: 16.07.2012

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

- **1.1 Product identifier**
- Trade name: **IMWITOR 375**
- **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
Emulsifier
- **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
- **Additional information:** Product forms slippery surface when combined with water.
- **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**
Reaction product of glycerinmonostearate (sunflower) and lactic acid and citric acid (and potassium hydroxyde)
- **CAS No. Description:**
- **Identification number(s): -**
- **INCI:** Glyceryl Citrate/Lactate/Linoleate/Oleate

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.

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- **After inhalation:** Supply fresh air; consult a doctor in case of pain.
- **After skin contact:**
Wash with water and soap.
If symptoms persist, consult a doctor.
- **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.
Seek medical treatment.
- **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:**
Foam
Fire-extinguishing powder
Carbon dioxide (CO₂)
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Noxious gases/vapours
- **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.
Product forms slippery surface when combined with water.
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Make sure to recycle or dispose of in suitable receptacles.
- **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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special precautions are necessary if used correctly.
Ensure good ventilation/exhaustion at the workplace.

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



Keep ignition sources away - Do not smoke.

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.

· **Further information about storage conditions:** Protect from heat and direct sunlight.

· **Storage class:** 10 Combustible liquids

· **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

· **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.

· **Breathing equipment:**

Under normal conditions of use not required

At formation of aerosols and mist:

Short term filter device:

Filter A (colour code: brown)

Filter A/P2

Full mask with filter: ABEK-P2

· **Protection of hands:**

Chemical resistant 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:**

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

· **Body protection:** Protective work clothing

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SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information:	
· Appearance:	
Form:	Liquid Viscous
Colour:	Yellow-brown
· Odour:	Characteristic
· Odour threshold:	Not determined
· pH-value (100 g/l) at 20°C:	~6.5 (Dispersion)
· Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
· Flash point:	>180°C (DIN ISO 2592)
· Flammability (solid, gaseous):	Not applicable
· Ignition temperature:	
Decomposition temperature:	Not determined
· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Not determined
· Explosion limits:	
Lower:	Not determined
Upper:	Not determined
· Oxidizing properties:	Not determined
· Vapour pressure:	Not determined
· Density at 20°C:	~1.0 g/cm ³
· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with	
Water:	Dispersible 20 °C
· Partition coefficient (n-octanol/water):	Not determined
· Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- 10.1 Reactivity**
- 10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided:**
To avoid thermal decomposition do not overheat.
No decomposition if used and stored according to specifications
- 10.3 Possibility of hazardous reactions** No dangerous reactions known
- 10.4 Conditions to avoid**
Strong heating

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Chemical contaminanation

Sunlight, UV or ionizing radiation

· **10.5 Incompatible materials:** No further relevant information available

· **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 LD₅₀ >2000 mg/kg (rat) (OECD 401)

Dermal LD₅₀ >2000 mg/kg (rat) (OECD 402)

· **Primary irritant effect:**

· **on the skin:**

Rabbit: slightly irritating

OECD 404

· **on the eye:** No irritating effect species: rabbit (eye) OECD test 405

· **On respiratory tract:** No data available

· **Sensitization:**

No sensitization species: guinea pig OECD 406

(Buehler Test)

· **Other information (about experimental toxicology):**

Ames-test: negative

Mutagenicity (Salmonella typhimurium): negative

No mutagenic effect

OECD method 471

· **Carcinogenic, mutagenic effects and adverse effects on reproduction:**

Carcinogenicity: no information available

Toxicity for reproduction: no information available

· **Subacute to chronic toxicity:**

· **STOT-single exposure** No classification

· **STOT-repeated exposure:** No classification

· **Aspiration hazard** No data available

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Toxicity to daphnia : no data available

Toxicity to aquatic plants: no data available

LC₅₀/96h >100 mg/l (Brachydanio rerio) (OECD 203)

· **12.2 Persistence and degradability**

Easily biodegradable

>60 %, 28 d, aerob.

OECD 301 D

· **12.3 Bioaccumulative potential** No further relevant information available

· **12.4 Mobility in soil** No further relevant information available

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water

Classification according to German VwVwS dt. 27.7.2005 appendix 3

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Substance characteristics do not meet screening criteria.
- **vPvB:** Substance characteristics do not meet screening criteria.
- **12.6 Other adverse effects** No further relevant information available

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Disposal according to instructions of local authorities
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

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

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 (Self-assessment): slightly hazardous for water
According to appendix 3 of VwVwS dated 27.7.2005 (German regulation)
- **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.

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· **Department issuing MSDS:**

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· **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)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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