

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

Printing date: 05.07.2017

Version: 2.02

Revision: 05.07.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** **IMWITOR® 742****CAS Number:**

85536-07-8

EC number:

287-488-0

Registration number: 01-2119963379-22-0000**1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.**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:**

IOI Oleo GmbH

Arthur-Imhausen Str. 92

D-58453 Witten

Tel.: ++49-40-280031-0

Email competent person: MSDS@ioioleo.de**Information department:** See supplier/manufacturer**1.4 Emergency telephone number:**

National Poison Information Service (NPIS)

24 hour national number professionals only

0844 892 0111

National Health Service (NHS)

24 hour national number consumer

England and Scotland: 111

Wales: 0845 46 47

Northern Ireland: call your local General Practitioner

Call 999 if there is a life-threatening incident.

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.**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 due to data**vPvB:** Not applicable due to data**SECTION 3: Composition/information on ingredients****3.1 Chemical characterisation: Substances****CAS No. Description:**

85536-07-8 Glycerides, C8-10 mono-, di- and tri-

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- **Identification number(s):**
 - **EC number:** 287-488-0
 - **INCI:** Caprylic/Capric Glycerides
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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:**
Change soiled clothing.
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:**
Wash with water and soap.
If skin irritation continues, consult a doctor.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:**
Rinse mouth with water.
Spit liquid out again.
Never give anything by mouth to an unconscious person.
 - **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
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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
Fire-extinguishing powder
Foam
Carbon dioxide (CO₂)
 - **For safety reasons unsuitable extinguishing agents:** Water
 - **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
Carbon dioxide (CO₂)
Carbon monoxide (CO)
 - **5.3 Advice for firefighters**
 - **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale combustion vapours.
 - **Additional information:**
Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
 - **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
 - **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
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.
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See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** 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:** Not required
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from feed.
 - Refer to national regulations for storing hazardous chemicals.
- **Further information about storage conditions:** None
- **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:** No further data; see section 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.
 - Keep away from foodstuffs, beverages and feed.
 - Remove all soiled and contaminated clothing immediately.
 - Wash hands before breaks and at the end of work.
 - Do not eat or drink while working.
 - Avoid contact with eyes and skin.
 - Use skin protection cream for skin protection.
- **Breathing equipment:**
 - Under normal conditions of use not required
 - Use a suitable respiratory protective device in case of insufficient ventilation.
 - In case of brief exposure or low pollution use a respiratory filter device. In case of intensive or longer exposure use a respiratory protective device that is independent of circulating air.
 - Short term filter device:
 - Combination filter: ABEK
- **Protection of hands:**
 - Chemical resistant gloves (EN 374)
 - The glove material has to be impermeable and resistant to the product/substance/preparation.
 - Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation
 - After use of gloves apply skin-cleaning agents and skin cosmetics.
- **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.
- **As protection from splashes gloves made of the following materials are suitable:**
 - Nitrile rubber, NBR
 - (Thickness 0.35 mm; permeation time: 30)
 - Butyl rubber, BR

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(Thickness: 0.5 mm; Permeation time: 30 minutes)

- **Eye protection:** Tightly sealed goggles
- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties	
· General Information:	
· Appearance:	
Form:	Liquid
Colour:	Light yellow
· Odour:	Characteristic
· Odour threshold:	Not determined
· pH-value:	Not determined
· Change in condition:	
Melting point/freezing point:	<-24.9 °C (1030hPa, ASTM E 737-76)
Initial boiling point and boiling range:	>400 °C (101 kPa, ASTM E 737-76)
· Flash point:	192 °C (DIN ISO 2719)
· Flammability (solid, gas):	Product is not flammable.
· Ignition temperature:	Not determined
· Decomposition temperature:	Not determined
· Self ignition temperature:	Product is not self-igniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not applicable Not determined
Upper:	Not applicable Not determined
· Vapour pressure at 20 °C:	<0.001 hPa (QSAR)
· Density at 20 °C:	1.016 g/cm ³ (DIN 51757)
· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with	
Water at 20 °C:	46 mg/l (pH5,99-6,65 EU-Method A.6)
· Partition coefficient: n-octanol/water:	log Pow 3.24 (22 °C, pH 6, OECD 117))
· Viscosity:	
dynamic:	Not determined
kinematic at 20 °C:	190.9 mm ² /s (ISO 3014)
Surface tension:	35.1 mN/m (conc. >40mg/l, DIN EN 14370)
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications
To avoid thermal decomposition do not overheat.
- **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:**
No hazardous decomposition products if instructions for storage and handling are followed

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**
The product itself has not been tested. Information is based on products of similar structure and composition.
Conclusion by analogy
 - Oral LD₅₀ >5000 mg/kg (rat) (equivalent to OECD 401)
test material: CAS 91744-32-0
 - Dermal LD₅₀ >2000 mg/kg (rat) (OECD 402)
test material: CAS 620-67-7
 - Inhalative LC₅₀/6h > 1.86 mg/l (rat) (equivalent to OECD 403)
test material: CAS 73398-61-5
- **Primary irritant effect:**
- **Skin corrosion/irritation**
No irritating effect species: rabbit OECD test 404
The product itself has not been tested. Information is based on products of similar structure and composition.
- **Serious eye damage/irritation**
No irritating effect species: rabbit (eye) OECD test 405
The product itself has not been tested. Information is based on products of similar structure and composition.
- **Respiratory or skin sensitisation**
No sensitisation species: guinea pig OECD 406
The product itself has not been tested. Information is based on products of similar structure and composition.
- **Repeated dose toxicity:**
The product itself has not been tested. Information is based on products of similar structure and composition.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity**
Ames-test: negative
Chinese Hamster Ovary Cell Mutation Test (HGPRT) - OECD 476: negative
Mutagenicity (human lymphocytes): chromosomen abberation negative (OECD 473)
- **Carcinogenicity** No classification
- **Reproductive toxicity**
No classification
 - Oral NOAEL (F1) ≥1342 mg/kg bw/day (rat) (OECD 416/426)
 - NOAEL (P) ≥1159 mg/kg bw/day (rat) (OECD 416/426)
 - NOAEL(developmental) ≥1000 mg/kg bw/day (rat) (OECD 426)
- **STOT-single exposure** No classification
- **STOT-repeated exposure**
No classification
 - Oral NOAEL 1000 mg/kg bw/d (rat) (OECD 407)
test material: CAS 97593-30-1
- **Aspiration hazard** Not relevant

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SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
No harmful effect on fish and daphnia up to its limit of solubility.
EC₅₀/48h (static) 102.6 mg/l (Daphnia magna) (OECD 202)
NOEC/14d 46.9 mg/l (activated sludge, domestic) (OECD 301 B)
NOEC/72 h 1.19 mg/l (Desmodesmus subspicatus) (OECD 201)
- **12.2 Persistence and degradability** Readily biodegradable
- **Other information:**
Biological degradation: 82.6% after 28 days
OECD 301B
- **12.3 Bioaccumulative potential**
Potential for bioconcentration in aquatic organisms is low.
Fast biotransformation
Readily biodegradable
- **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
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Follow producer's instructions for use.
- **Toxicity to soil dwelling organisms:**
NOEC ≥1000 mg/kg (Eisenia foetida) (OECD 207)
14d; test material: CAS 620-67-7
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable due to data
- **vPvB:** Not applicable due to data
- **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.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Adhering to the official regulations, it can be disposed of in an appropriate incinerator.
- **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

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· 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 Marpol and the IBC Code	Not applicable
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment:**
A Chemical safety Assessment has been carried out.
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.

- **Reasons for amendments:** Layout
- **Replaces version dated:** 08.04.2016
- **Department issuing SDS:**
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- **Contact:** Dr. Rebecca Hiltrop
- **Abbreviations and acronyms:**
ICAO: International Civil Aviation Organisation
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
DOT: US Department of Transportation
IATA: International Air Transport Association
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
- **Sources:** Chemical Safety Report
- *** Data compared to the previous version altered.**
Changes have been made to sections marked with a *, as compared to the previous version.