



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 23.02.2016

Version: 3.01

Revision: 23.02.2016

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

1.1 Product identifier

- Trade name: **IMWITOR® 372 P**
- Registration number: This product respectively the components of this mixture - if subject to REACH registration - are registered.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against: -
- Application of the substance / the preparation:
 - Raw material for industrial applications
 - Cosmetic raw material
 - Emulsifier
 - Manufacturing of food
- Uses advised against -

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 product is not classified according to the CLP regulation.
- 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

- 3.2 Chemical characterisation: Mixtures
- Description:
 - Mixture based on:

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Glycerides, C16-18 mono-, di- and tri-, hydrogenated, citrates, potassium salts
CAS: 91744-38-6
EINECS: 294-600-1
REACH-Reg. Nr.: 01-2119970305-38-0000

· **Dangerous components:** Void

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:**
Inhalation of product unlikely. If forming dust is inhaled when handling the product, supply fresh air.
Seek medical treatment in case of complaints.
 - **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.
Do not induce vomiting.
In case of unintentional swallowing of larger quantities or if any symptoms occur 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:**
CO₂, 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
 - **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.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
-

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Avoid formation of dust.
Product forms slippery surface when combined with water.
 - **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:**
Pick up mechanically.
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Avoid any dust formation. Pick up with a tested and approved industrial vacuum cleaner if necessary.
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

- Prevent formation of dust.
- Any deposit of dust which cannot be avoided must be regularly removed.

Information about protection against explosions and fires:

- Dust may combine with air to form an explosive mixture.



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.
- Refer to national regulations for storing hazardous chemicals.

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

8.1 Control parameters**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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.
- Do not inhale dust/smoke/mist.
- Wash hands before breaks and at the end of work.

Breathing equipment:

- Not required under normal use
- At heavy dust formation:
Short term filter device:

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Filter P1

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.

Protection of hands:

At longer contact: 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

After use of gloves apply skin-cleaning agents and skin cosmetics.

Material of gloves:

The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

For the permanent contact gloves made of the following materials are suitable:

Nitrile rubber, NBR

(Thickness: 0.35 mm; Permeation time: ≥ 480 minutes)

Butyl rubber, BR

(Thickness: 0.5 mm; Permeation time: ≥ 480 Minuten)**Eye protection:** Safety glasses**Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information:****Appearance:**

Form:	Solid Flakes
Colour:	Light yellow
Odour:	Characteristic
Odour threshold:	Not determined

pH-value: Not applicable**Change in condition:**

Melting point/Melting range:	~ 60 °C
Boiling point/Boiling range:	> 400 °C

Flash point: Not applicable**Flammability (solid, gaseous):** Not applicable**Ignition temperature:****Decomposition temperature:** Not determined**Self ignition temperature:** Solid with a melting point < 160 °C**Danger of explosion:** Product is not explosive. However, formation of explosive air/dust mixtures is possible.**Explosion limits:**

Lower:	Not applicable
Upper:	Not applicable

Vapour pressure at 20 °C: < 5 Pa (and 50 °C)**Density:** Not determined**Bulk density:** ~ 500 - 600 kg/m³**Relative density at 22 °C:** 1.032 g/cm³

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· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with Water:	Dispersible
· Partition coefficient (n-octanol/water):	> 8 log POW
· Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
· 9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications
- **10.3 Possibility of hazardous reactions** Risk of dust explosion if enriched with fine dust while being exposed to air
- **10.4 Conditions to avoid**
 - Strong heating
 - Dirt
 - Chemical contamination
 - 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** Based on available data, the classification criteria are not met.
- **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:**
- **Skin corrosion/irritation**
 - Light irritation OECD Method: 404
 - Not to be classified
 - Read-across: CAS 91744-23-9
- **Serious eye damage/irritation**
 - No irritating effect species: rabbit (eye) OECD test 405
 - Read-across: CAS 91744-23-9
- **Respiratory or skin sensitisation**
 - No sensitisation species: guinea pig OECD 406 (Buehler Test)
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity**
 - Mutagenicity (Salmonella typhimurium): negative
 - OECD 471
- **Carcinogenicity** No data available
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

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- **Aspiration hazard** Not relevant

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
LC₅₀/96h > 100 mg/l (Brachydanio rerio) (OECD 203)
- **12.2 Persistence and degradability** Readily biodegradable
- **Other information:**
Biological degradation: > 60% after 28 days
but failing the 10-day window
OECD TG 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
According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.
- **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
- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
If not officially regulated, non contaminated packagings can be used for recycling or treated like household garbage.

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

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· 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
· Transport/Additional information:	Not dangerous according to the above regulations
· 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** None of the ingredients is listed.· **National regulations**· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water· **Further information:**

For this substance/mixture no safety data sheet needs to be generated according to Article 31(1) of Regulation (EC) No 1907/2006. The here presented safety data sheet may therefore not fulfil all requirements of Annex II of this regulation.

· **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:** Supplier/manufacturer/distributor· **Replaces version dated:** 20.07.2015· **Department issuing SDS:**KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

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

Safety Data Sheet Service: +49 6155 86829-22

· **Contact:** Dr. Rebecca Hiltrop· **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

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

ELINCS: European List of Notified Chemical Substances

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

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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· **Sources:**

Information provided by the manufacturer
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.

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