

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

Printing date: 03.08.2017

Version: 4.01

Revision: 03.08.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** **IMWITOR® PG3 DIS****CAS Number:**

63705-03-3

Registration number:

Polymers do not have to be registered according to REACH. All monomers of this substance have been or will be registered accordingly.

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

Lubricants

Grease

Separating agent

1.3 Details of the supplier of the safety data sheet**Supplier/Manufacturer:**

IOI Oleo GmbH

Zur Hafenspitze 15

D-19322 Wittenberge

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.**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

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SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterisation: Substances**
- **CAS No. Description:**
63705-03-3 Polyglyceryl-3-diisostearate
- **Identification number(s):** -

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:**
Immediately wash with water and soap and rinse thoroughly.
Remove contaminated clothes and shoes.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse the eyes with open eyelids for 10 - 15 minutes with water.
First check the victim for contact lenses and remove if present.
If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting.
If symptoms persist, consult doctor.
- **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:**
Fire-extinguishing powder
Sand
Carbon dioxide (CO₂)
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Irritant gases/vapours
Carbon dioxide (CO₂)
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
DIN EN 133
- **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.
Particular danger of slipping on leaked/spilled product.
Avoid the formation of aerosol.
Do not breathe aerosol or vapors.

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- Ensure adequate ventilation.
- Avoid contact with eyes and skin.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
 - Avoid the formation of aerosol and vapor.
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Dispose in accordance with official regulations.
 - Do not allow to enter sewers/ surface or ground water.
 - 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**
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Avoid contact with eyes and skin.
 - Avoid contact with clothing.
- **Information about protection against explosions and fires:**
 - Observe the general rules of industrial fire protection.
 - Store away from open flames, sources of heat or sparks.



Keep ignition sources away - Do not smoke.

- **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.
 - Store away from oxidising agents.
- **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:**
 - Install appropriate mechanical ventilation.
 - 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.
 - Do not eat, drink, smoke or sniff while working.

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Keep away from foodstuffs, beverages and feed.
Remove all soiled and contaminated clothing immediately.
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:
Self-contained respiratory protective device
DIN EN 133
DIN EN 141
Full mask with filter: ABEK-P2

• **Protection of hands:**

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.

• **Eye protection:**

Safety glasses with side shields
EN 166

• **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:	Weak, characteristic
Odour threshold:	Not determined

• **pH-value:** Not determined

• **Change in condition:**

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	>150 °C

• **Flash point:** >200 °C

• **Flammability (solid, gas):** Highly flammable.
Not highly flammable

• **Ignition temperature:**

• **Decomposition temperature:** Not determined

• **Self ignition temperature:** Product is not self-igniting.

• **Explosive properties:** Not determined

• **Explosion limits:**

Lower:	Not determined
Upper:	Not determined

• **Vapour pressure:** Not determined

• **Density:** Not determined

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· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with Water:	Insoluble
· Organic solvents:	Soluble in many organic solvents
· 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** No further relevant information available
- **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** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:**
 - Strong acids
 - 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** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**
 - Oral LD₅₀ >5000 mg/kg (rat)
- **Primary irritant effect:**
- **Skin corrosion/irritation** (epicutaneous test)
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** No data available
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **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.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
If the substance is handled according to the specifications, no adverse effects on aquatic organisms are to be expected due to its insolubility in water.
 - LC₅₀/48h >1000 mg/l (Daphnia magna)
 - LC₅₀/96h >1000 mg/l (Poecilia reticulata)

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- >1000 mg/l (Selenastrum capricornutum)
 test substance: polyglycerol
- **12.2 Persistence and degradability** Biodegradable
 - **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
 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.
 - **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:** Has to be disposed of in an hazardous waste incineration plant adhering to local authority requirements.
- **Uncleaned packagings:**
- **Recommendation:**
 Package must be disposed like the product.
 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 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.

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- **National regulations**
- **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Ident number.: 3222
- **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.

- **Reasons for amendments:** Layout
- **Replaces version dated:** 04.04.2016

· **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

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

- *** Data compared to the previous version altered.**

Changes have been made to sections marked with a *, as compared to the previous version.