



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 24.07.2017

Version: 2.02

Revision: 24.07.2017

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

1.1 Product identifier

Trade name: **MIGLYOL® Gel B**

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

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.

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

Additional information:

Safety data sheet available on request.

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:

CAS: 73398-61-5

REACH-Nr.: 01-2119492306-35-0001

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· Dangerous components:

CAS: 108-32-7	propylene carbonate	1-5%
EINECS: 203-572-1	Eye Irrit. 2, H319	
Index number: 607-194-00-1		

· Additional information: For the wording of the listed hazard phrases refer to section 16.**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:** Wash with water and soap.**· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:**

Rinse mouth with water.

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:**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: Water**· 5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

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**

Product forms slippery surface when combined with water.

· 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

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 properly.

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- **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:** Not required.
- **Further information about storage conditions:** None
- **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:** No further data; see section 7.
- **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.
- **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.
- **Breathing equipment:**
Under normal conditions of use not required
Use a suitable respiratory protective device in case of insufficient ventilation.
Short term filter device:
Filter P2
Filter P3
- **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:**
Polychloroprene rubber (CR)
Butyl rubber, BR
- **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.
480 min (butyl rubber 0.5 mm)
≥480 Min. (Polychloropren 0.5 mm)
- **As protection from splashes gloves made of the following materials are suitable:**
PVC gloves
(Thickness 0.5 mm; permeation time: ≥ 120)
- **Not suitable are gloves made of the following materials:**
Natural rubber, NR
Fluorocarbon rubber (FKM)
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information:**
- **Appearance:**
Form: Pasty
Colour: Light brown

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· Odour:	Neutral
· Odour threshold:	Not determined
· pH-value:	Not determined
· Change in condition:	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not applicable
· Flash point:	Not applicable
· Flammability (solid, gas):	Not applicable
· Ignition temperature:	
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
Upper:	Not applicable
· Oxidizing properties:	Non-oxidizing
· Vapour pressure:	Not applicable
· Density at 20 °C:	~ 1.0 g/cm ³
· Relative density:	Not determined
· Vapour density:	Not applicable
· Evaporation rate:	Not determined
· Solubility in / Miscibility with	
Water:	Inmiscible
· Partition coefficient: n-octanol/water:	Not determined
· Viscosity:	
dynamic at 50 °C:	~ 45000 mPas
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**
 - 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

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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:**
 - 108-32-7 propylene carbonate**
 - Oral LD₅₀ > 2000 mg/kg (rat)
Literature data
 - Dermal LD₅₀ > 2000 mg/kg (rabbit)
Literature data
 - ECD 401
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Irritation (rabbit eye) (OECD 405)
(Propylencarbonat)
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Other information (about experimental toxicology):** (propylene carbonate)
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity**
Micronucleus Test: mouse: negative (OECD 474)
(propylene carbonate)
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity**
 - 108-32-7 propylene carbonate**
 - Oral NOAEL (maternal) 1000 mg/kg bw/day (rat)
10d
 - NOAEL(developmental) 5000 mg/kg bw/day (rat)
10d
Literature data
 - ECD 414 ECD 414
 - Based on available data, the classification criteria are not met.
- **STOT-single exposure** No classification
- **STOT-repeated exposure**
No classification
- 108-32-7 propylene carbonate**
- Oral NOAEL 5000 mg/kg bw/d (rat)
90d
- ECD 408
- **Aspiration hazard** Not relevant

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
 - 108-32-7 propylene carbonate**
 - EC₅₀/48h (static) > 100 mg/l (Daphnia magna)
 - IC₅₀/72h > 100 mg/l (Desmodesmus subspicatus)
 - LC₅₀/96h > 100 mg/l (Cyprinus carpio)
semistatic
 - NOEC 2200 mg/l (Leuciscus idus)
- **12.2 Persistence and degradability** The single components are biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available

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- **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. 17.05.1999 appendix 3
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.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class 	Void
<ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	Not applicable
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 	Not applicable

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**
- **Class Share in %:**
- **NK** **4.9**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water

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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.

- **Reasons for amendments:** Layout

- **Replaces version dated:**

Version/s 1. 00 - 2. 00 is/are not available in this language.
03.05.2016

- **Relevant phrases**

As mentioned in section 3 of the safety data sheet (not relevant for labelling of the product)
H319 Causes serious eye irritation.

- **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

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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

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