

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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**• Trade name: **MIGLYOL® 8810**

• ELINCS Number:

424-180-9

• Registration number: 01-0000017065-75-0000

• 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

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

SECTION 3: Composition/information on ingredients**3.1 Chemical characterisation: Substances**

• CAS No. Description:

reaction mass of: but-1,3-diyl didecanoate, but-1,3-diyl

dioctanoate, but-1,3-diyl 1-decanoate-3-octanoate, but-1,3-

diyl 1-octanoate-3-decanoate

(Contd. on page 2)

— GB —

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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

Trade name: MIGLYOL® 8810

(Contd. of page 1)

- **Identification number(s):**
- **ELINCS Number:** 424-180-9

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.
Never give anything by mouth to an unconscious person.
- **After inhalation:** Inhalation of product is unlikely.
- **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.
Never give anything by mouth to an unconscious person.
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:**
Carbon dioxide (CO₂)
Fire-extinguishing powder
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:
Noxious gases/vapours
- **5.3 Advice for firefighters**
- **Protective equipment:**
Do not inhale combustion vapours.
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.
Wear protective clothing.
- **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:**
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 8 for information on personal protection equipment.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.

(Contd. on page 3)

— GB —

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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

Trade name: MIGLYOL® 8810

(Contd. of page 2)

- **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.
- **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:**
 - Mechanical ventilation/exhaustion is strongly recommended.
 - 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.
- **Breathing equipment:**
 - At formation of aerosols and mist:
 - Short term filter device:
 - Filter A-P2
 - Full mask with filter: ABEK-P2
 - 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:**
 - 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
- **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.
 - Nitrile rubber, NBR
 - Recommended thickness of the material: ≥ 0.35 mm
 - Butyl rubber, BR
 - Recommended thickness of the material: ≥ 0.5 mm
- **Penetration time of glove material:**
 - ≥ 30 min
 - The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **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:** Liquid

(Contd. on page 4)

— GB —

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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

Trade name: MIGLYOL® 8810

(Contd. of page 3)

· Colour:	Light yellow
· Odour:	Characteristic
· Odour threshold:	Not applicable
· pH-value:	Not determined
· Change in condition:	
Melting point/freezing point:	-25.8 °C
Initial boiling point and boiling range:	Not determined
· Flash point:	191 °C
· Flammability (solid, gas):	Not applicable
· Ignition temperature:	Not determined
· Decomposition temperature:	Not determined
· Self ignition temperature:	Not determined
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
· Vapour pressure at 20 °C:	< 0.01 hPa
· Density at 20 °C:	~0.91 g/cm ³
· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with Water at 20 °C:	< 0.001 g/l
· 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**
 - 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

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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

Trade name: **MIGLYOL® 8810**

(Contd. of page 4)

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
- **Serious eye damage/irritation** No irritating effect species: rabbit (eye) OECD test 405
- **Respiratory or skin sensitisation**
 - No sensitisation species: guinea pig OECD 406
 - No sensitising effect in guinea pig in maximation test
- **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**
 - Oral NOAEL (F1) 1000 mg/kg bw/day (rat) (OECD 416)
 - NOAEL (F2) 1000 mg/kg bw/day (rat) (OECD 416)
 - NOAEL (P) 1000 mg/kg bw/day (rat) (OECD 416)
 - NOAEL (maternal) 1000 mg/kg bw/day (rat) (OECD 414)
 - NOAEL(canc) 1000 mg/kg bw/day (rat) (OECD 414)
 - 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**
 - Oral NOAEL 1000 mg/kg/day (rat) (OECD 407)
 - 28 d
 - 1000 mg/kg bw/d (rat) (OECD 408)
 - 28 d
 - 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:**
 - No harmful effect on fish, daphnia and algae up to its limit of solubility.
 - EC₅₀ >1100 mg/l (Bacteriae) (OECD TG 209)
 - 3h
 - 264 mg/l (Plants) (OECD 208)
 - Avena sativa
 - LC₅₀/14d >1000 mg/l (Eisenia foetida) (OECD TG 207)
- **12.2 Persistence and degradability** No further relevant information available
- **Other information:**
 - The product is readily biodegradable.
 - Biological degradation: > 60% after 28 days
 - OECD TG 301 B
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil**
 - Low potential for adsorption to soil
 - High mobility in soil

(Contd. on page 6)

— GB —



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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

Trade name: MIGLYOL® 8810

(Contd. of page 5)

- **Adsorption coefficient Koc:** 3.7
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **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:** 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 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** Substance is not listed.
- **National regulations**
- **Water hazard class:**
Generally not hazardous for water
Ident number.: 2956
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

— GB —
(Contd. on page 7)

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

Printing date: 23.08.2017

Version: 1.02

Revision: 23.08.2017

Trade name: **MIGLYOL® 8810**

(Contd. of page 6)

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:** 24.02.2016

• **Department issuing SDS:**
KFT Chemieservice GmbH
Im Leuschnerpark. 3 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

Phone: +49 6155 8981 400 Fax: +49 6155 8981 500
Safety Data Sheet Service: +49 6155 8981 522

- **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

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

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