

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

Printing date: 02.21.2013

Version: 1

Revision: 07.31.2013

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

• **1.1 Product identifier**

• **Trade name: Miglyol 818**

• **Registration number:**

This substance has (All substances contained in this preparation have) been pre-registered according to regulation (EC) No. 1907/2006 in its current version. A registration is intended.

• **1.2 Relevant identified uses of the substance or mixture and uses advised against: -**

• **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:**

Peter Cremer North America
3117 Southside Avenue
Cincinnati, OH 45204
USA
Tel: (513) 471-7200
Toll: (877) 901-7262
Fax: (513) 244-7775

• **Information department:** See supplier/manufacturer

• **1.4 Emergency telephone number:**

CHEMTREC: 1-800-424-9300 (US and Canada) | 1-703-527-3887 (For calls originating elsewhere)

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.

• **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable

• **Information concerning particular hazards for human and environment:**

According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).

• **2.2 Label elements**

• **Labeling 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 characterization: Substances**

• **Identification number(s):**

• **INCI:** Caprylic/Capric/Linoleic Triglycerides

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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. Spit liquid out again.
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:**
Foam
Extinguishing powder
Carbon dioxide (CO₂)
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:
- **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** Do not smoke - keep ignition sources away
- **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, 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**
Prevent formation of aerosols.
Do not breathe aerosol or vapors.
- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

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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:** No further data; see item 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 inhale gases/fumes/aerosols.
Use skin protection cream for skin protection.
- **Breathing equipment:**
At formation of aerosols and mist: Short term filter device (EN 149):
Filter A-P2
Full mask with filter: ABEK-P2
- **Protection of hands:**
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.
- **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:** 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 |
| Color: | Light yellow |
| Odor: | Characteristic |
| Odor threshold: | Not determined |
- **pH-value:** Not determined

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| | |
|---|---|
| • Change in condition: Melting point/Melting range: | Not applicable |
| Boiling point/Boiling range: | Not determined |
| Cloud point / clarification point: | ~10 °C |
| • Flash point: | ~220 °C (DIN ISO 2592) |
| • Flammability (solid, gaseous): | Not applicable |
| • Ignition temperature: | |
| Decomposition temperature: | Not determined |
| • Self ignition temperature: | Not determined |
| • Danger of explosion: | Product does not present an explosion hazard. |
| • Explosion limits: Lower: | Not applicable |
| Upper: | Not applicable |
| • Vapor pressure: | Not determined |
| • Density at 20 °C: | ~0.95 g/cm ³ |
| • Relative density: | Not determined |
| • Vapor density: | Not determined |
| • Evaporation rate: | Not determined |
| • Solubility in / Miscibility with Water: | Immiscible |
| • Partition coefficient (n-octanol/water): | Not determined |
| • Viscosity: dynamic at 20 °C: | ~30 mPas |
| kinematic: | Not determined |
| • 9.2 Other information | No further relevant information available |

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
To avoid thermal decomposition do not overheat.
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:** 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:**
- **LD/LC50 values that are relevant for classification:**
Oral LD₅₀ > 2000 mg/kg (rat) (OECD 401)

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Dermal LD₅₀ > 2000 mg/kg (rabbit)
conclusion by analogy

- **Primary irritant effect:**
- **on the skin:** No irritating effect species: rabbit OECD test 404
- **on the eye:** Slight irritating effect species: rabbit (eye) OECD test 405
- **On respiratory tract:** No data available
- **Sensitization:** No sensitization species: guinea pig OECD 406
- **Other information (about experimental toxicology):**

Ames-test: negative

The product itself has not been tested. Information is based on products of similar structure and composition.

- **Carcinogenic, mutagenic effects and adverse effects on reproduction:** No data available

- **Subacute to chronic toxicity:**

- **STOT-single exposure** No data available
- **STOT-repeated exposure:** No data available
- **Aspiration hazard** No data available

- **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

No harmful effect on fish, daphnia and algae up to its limit of solubility.

The product itself has not been tested. Information is based on products of similar structure and composition.

- **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 This statement was deduced from products with a similar structure or composition.

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:** Disposal according to instructions of local authorities

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**

- **ADR, ADN, IMDG, IATA**

Void

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| | |
|--|--|
| • 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 MARPOL73/78 and the IBC Code | Not applicable |
| • Transport/Additional information: | Not dangerous according to the above regulations |
| • UN "Model Regulation": | - |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- 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 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.

- Department issuing MSDS:

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3117 Southside Avenue
Cincinnati, OH 45204
USA
Tel: (513) 471-7200
Toll: (877) 901-7262
Fax: (513) 244-7775

- Contact: Sarah Keyes

- Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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