

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

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

- **1.1 Product identifier**
- **Trade name:** **MIGLYOL 829**
- **CAS Number:**  
91744-56-8
- **EC number:**  
294-621-6
- **Registration number:** 01-2119967777-14-0000
- **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:**  
CREMER OLEO GmbH & Co. KG  
Glockengiesserwall 3  
20095 Hamburg  
Germany
- Tel.: +49-40-32011-0  
Fax: +49-40-321757
- **Email competent person:** quality47@cremer.de
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**  
GIZ-Nord, Göttingen, Germany  
+49 551 19240

## SECTION 2: Hazards identification

- **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
- **Classification system:**  
The classification complies with current legislation, but is supplemented with information from technical literature and company information.
- **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
- **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**
- **CAS No. Description:**  
91744-56-8 Glycerides, mixed C8-10 and succinyl

(Contd. on page 2)

— GB —

# SAFETY DATA SHEET

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

Trade name: **MIGLYOL 829**

(Contd. of page 1)

- **Identification number(s):**
- **EC number:** 294-621-6

### 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.  
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:**  
In case of unintentional swallowing of larger quantities or if any symptoms occur seek medical treatment.  
Spit liquid out again.  
Rinse mouth with water.  
Never give anything by mouth to an unconscious person.  
Do not induce vomiting.
- **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:**  
CO<sub>2</sub>, 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.  
Product forms slippery surface when combined with water.  
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to penetrate the ground/soil.  
In case of seepage into the ground inform responsible authorities.
- **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.

(Contd. on page 3)

— GB —

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

Trade name: **MIGLYOL 829**

(Contd. of page 2)

### · 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 correctly.
- Ensure good ventilation/exhaustion at the workplace.
- Avoid inhalation of vapours formed by heated product.

### · 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:

- 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.

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

#### · 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.

### · 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.
- Wash hands before breaks and at the end of work.

#### · Breathing equipment:

- Under normal conditions of use not required
- At formation of aerosols and mist:  
Short term filter device (EN 149):  
Filter A (colour code: brown)  
Filter A/P1

#### · 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 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.

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

- Nitrile rubber, NBR

(Contd. on page 4)

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

Trade name: **MIGLYOL 829**

(Contd. of page 3)

(Thickness: 0.35 mm; Permeation time:  $\geq 480$  minutes)

Butyl rubber, BR

(Thickness: 0.5 mm; Permeation time:  $\geq 480$  Minuten)

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

• <b>9.1 Information on basic physical and chemical properties</b>	
• <b>General Information:</b>	
• <b>Appearance:</b>	
Form:	Liquid
Colour:	Light yellow
• <b>Odour:</b>	Characteristic
• <b>Odour threshold:</b>	Not determined
• <b>pH-value:</b>	Not determined
• <b>Change in condition:</b>	
Melting point/Melting range:	< -40 °C
Boiling point/Boiling range:	>180 °C (Decomposition)
• <b>Flash point:</b>	241 °C (EN ISO 2719)
• <b>Flammability (solid, gaseous):</b>	Not applicable
• <b>Ignition temperature:</b>	
Decomposition temperature:	Not determined
• <b>Self ignition temperature:</b>	Not determined
• <b>Danger of explosion:</b>	Not determined
• <b>Explosion limits:</b>	
Lower:	Not determined
Upper:	Not determined
• <b>Oxidizing properties:</b>	Not determined
• <b>Vapour pressure at 20 °C:</b>	< 5 Pa (and 50 °C)
• <b>Density:</b>	1.009 g/cm <sup>3</sup>
• <b>Relative density at 20 °C:</b>	1.009 g/cm <sup>3</sup>
• <b>Vapour density:</b>	Not determined
• <b>Evaporation rate:</b>	Not determined
• <b>Solubility in / Miscibility with Water at 20 °C:</b>	1 mg/l
• <b>Partition coefficient (n-octanol/water) at 22 °C:</b> > 10 log POW (pH 6)	
• <b>Viscosity:</b>	
dynamic:	Not determined
kinematic at 20 °C:	250.2 mm <sup>2</sup> /s (ISO 3104)
• <b>9.2 Other information</b>	No further relevant information available

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available

(Contd. on page 5)

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

Trade name: **MIGLYOL 829**

(Contd. of page 4)

- **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**  
Strong heating  
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:**
- **LD/LC50 values that are relevant for classification:**  
Oral LD<sub>50</sub> > 5045 ml/kg (rat) (OECD 401)  
Dermal LD<sub>50</sub> > 5045 mg/kg (rat) (OECD 402)  
Inhalative LC<sub>50</sub>/6h > 1.86 mg/l (rat/male) (OECD 403)  
RA CAS 73398-61-5; maximum attainable concentration of respirable particles; based on read-across from Glycerides, mixed decanoyl and octanoyl
- **Primary irritant effect:**
- **on the skin:**  
No irritating effect species: rabbit OECD test 404  
Glycerides, mixed C8-10- and Succinyl-
- **on the eye:**  
No irritating effect species: rabbit (eye) OECD test 405  
Glycerides, mixed C8-10- and Succinyl-
- **On respiratory tract:** No data available
- **Sensitization:**  
No sensitizing effect in guinea pig in maximation test  
OECD 406  
Glycerides, mixed C8-10- and Succinyl-  
RA CAS 110-15-6
- **Other information (about experimental toxicology):**  
Ames-test: negative  
In analogy to similar products
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**  
The product itself has not been tested. Information is based on products of similar structure and composition.  
Presently available data show no carcinogenic, mutagenic or teratogenic effects.
- **Subacute to chronic toxicity:**
- **STOT-single exposure**  
No data available  
Glycerides, mixed C8-10- and Succinyl-
- **STOT-repeated exposure:**  
No classification  
In analogy to similar products
- **Aspiration hazard**  
No classification  
Glycerides, mixed C8-10- and Succinyl-

— GB —  
(Contd. on page 6)

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

Trade name: MIGLYOL 829

(Contd. of page 5)

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** In the range of water solubility not toxic under test conditions.
- **12.2 Persistence and degradability**  
Readily biodegradable  
81.7 %, 28 d  
OECD 301 B
- **12.3 Bioaccumulative potential** Slight bioaccumulation possible
- **12.4 Mobility in soil** strong adsorption to soil
- **Adsorption coefficient Koc:** log Koc 6.4 at 25 °C (based on MCI)
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water  
According to Annex 3 of the General Administrative Regulation under the Federal Water Act on the Classification of Substances Hazardous to Water into Water Hazard Classes  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Danger to drinking water even if small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Substance characteristics do not meet screening criteria.
- **vPvB:** Substance characteristics do not meet screening criteria.
- **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

· <b>14.1 UN-Number</b> · ADR, ADN, IMDG, IATA	Void
· <b>14.2 UN proper shipping name</b> · ADR, ADN, IMDG, IATA	Void
· <b>14.3 Transport hazard class(es)</b> · ADR, ADN, IMDG, IATA · Class	Void
· <b>14.4 Packing group</b> · ADR, IMDG, IATA	Void
· <b>14.5 Environmental hazards:</b> · Marine pollutant:	No
· <b>14.6 Special precautions for user</b>	Not applicable
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable

(Contd. on page 7)

— GB —

# SAFETY DATA SHEET

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

Printing date: 18.12.2013

Version: 3. 0

Revision: 18.12.2013

Trade name: **MIGLYOL 829**

(Contd. of page 6)

· 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 2 (Self-assessment): hazardous for water  
According to appendix 3 of VwVwS dated 27.7.2005 (German 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:**  
CAS-number  
EINECS
- **Replaces version dated:** 29.08.2013
- **Department issuing MSDS:**  
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:** 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  
IATA: International Air Transport Association  
GHS: Globally Harmonized 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
- **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.