

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

Printing date: 12.06.2012

Version: 1

Revision: 12.06.2012

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

### 1.1 Product identifier

Trade name: **Softigen 701**

CAS Number:

68459-67-6

EC number:

270-616-4

Registration number:

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

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-gruppe.com](mailto:quality47@cremer-gruppe.com)

Information department: See supplier/manufacturer

1.4 Emergency telephone number:

GIZ-Nord, Göttingen, Germany

+49 551 19240

## 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).

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:

68459-67-6 Glycerin;castor oil fatty acid ester

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- **Identification number(s):** -
- **EC number:** 270-616-4
- **INCI:** Glyceryl Ricinoleate

### 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:** Rinse with plenty of water.
- **After eye contact:**  
Rinse opened eye for several minutes under running water.  
If symptoms persist, consult a doctor.
- **After swallowing:**  
Seek medical treatment.  
Do not induce vomiting.  
Unless instructed explicitly by medical staff.  
Never give anything by mouth to an unconscious person.
- **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  
Fire-extinguishing powder  
Carbon dioxide (CO<sub>2</sub>)  
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 (CO)  
Carbon dioxide (CO<sub>2</sub>)
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:**  
Cool endangered receptacles with water spray.  
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.  
Product forms slippery surface when combined with water.
- **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:**  
Pick up mechanically.  
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.

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See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

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:** 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:** Install appropriate mechanical ventilation.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:** No data available
- **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.  
The usual protective measures based on the application have to be followed.
- **Breathing equipment:**  
Not necessary if room is well-ventilated  
If vapours are formed during processing:  
Short term filter device:  
Filter P1  
Filter P2
- **Protection of hands:**  
Preventive skin protection by use of skin-protecting agents is recommended.  
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:**  
For undissolved solid substances following materials may be suitable:  
nitrile rubber (NBR), butyl rubber (BR), fluorocarbon rubber (FKM) and polychloroprene rubber (CR)  
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.

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- **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:	Paste
Colour:	Light yellow
· <b>Odour:</b>	No data available
· <b>Odour threshold:</b>	Not applicable
· <b>pH-value:</b>	Not applicable
· <b>Change in condition:</b>	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Sublimation temperature / start:	Not applicable
· <b>Flash point:</b>	Not applicable
· <b>Flammability (solid, gaseous):</b>	Not determined
· <b>Ignition temperature:</b>	Not determined
· <b>Decomposition temperature:</b>	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:</b>	Not determined
· <b>Density at 30°C:</b>	~0.98 g/cm <sup>3</sup>
· <b>Relative density:</b>	Not determined
· <b>Vapour density:</b>	Not determined
· <b>Evaporation rate:</b>	Not determined
· <b>Solubility in / Miscibility with</b>	
Water:	Inmiscible 20 °C
· <b>Segregation coefficient (n-octanol/water):</b> Not determined	
· <b>Viscosity:</b>	
dynamic at 30°C:	~600 mPas
kinematic:	Not determined
· <b>9.2 Other information</b>	No further relevant information available

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### 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**  
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

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**  
The product itself has not been tested. Information is based on products of similar structure and composition.  
Acute toxicity (inhalation): not relevant, since inhalation is unlikely  
Oral LD<sub>50</sub> >2000 mg/kg (rat)  
Category approach  
Dermal LD<sub>50</sub> >2000 mg/kg (rabbit)  
Category approach
- **Primary irritant effect:**
- **on the skin:**  
Skin irritation test (rabbit): no irritation  
The product itself has not been tested. Information is based on products of similar structure and composition.
- **on the eye:**  
Slight irritating effect species: rabbit (eye) OECD test 405  
The product itself has not been tested. Information is based on products of similar structure and composition.
- **On respiratory tract:** No data available
- **Sensitization:**  
No sensitizing effect in guinea pig in maximation test  
The product itself has not been tested. Information is based on products of similar structure and composition.
- **Other information (about experimental toxicology):**  
No mutagenic effects  
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:**  
Carcinogenicity: no information available  
Toxicity for reproduction: no information available  
Teratogenicity:  
No data available
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No classification
- **STOT-repeated exposure:** No data available
- **Aspiration hazard** Not relevant

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## 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  
Classification according to German VwVwS dt. 27.7.2005 appendix 3  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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 in an appropriate incinerator adhering to local authority requirements (EWC, European Waste Catalogue)
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

· <b>14.1 UN-Number</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	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
· <b>Transport/Additional information:</b>	Not dangerous according to the above regulations
· <b>UN "Model Regulation":</b>	-

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### 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  
According to appendix 3 of VwVwS dated 27.7.2005 (German regulation)  
Ident number.: 3914
- **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:**  
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:** Dr. Sonja Fischer
- **Abbreviations and acronyms:**  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organization  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
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