

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

Printing date: 24.09.2013

Version: 2

Revision: 24.09.2013

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

- **1.1 Product identifier**
- **Trade name:** **SOFTISAN 601**
- **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 Directive 67/548/EEC or Directive 1999/45/EC** not applicable
  - **Information concerning particular hazards for human and environment:**  
No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
  - **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.
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- **2.2 Label elements**
  - **Labelling according to EU guidelines:**  
The mixture is not subject to labelling according to Directive 1999/45/EC and the Hazardous Substances Ordinance.  
Observe the general safety regulations when handling chemicals
  - **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 characterization: Mixtures**
- **Description:**  
Mixture consisting of the following components.  
Glycerin esters of fatty acids  
Polyethylene glycol  
Partial glycerides  
Emulsifier(s)

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· **Dangerous components:** Void

## 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.

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:**

Seek medical treatment.

Rinse mouth with water.

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:**

Carbon dioxide (CO<sub>2</sub>)

Foam

Fire-extinguishing powder

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.

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.

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· **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.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

· **Information about protection against explosions and fires:**

Observe the general rules of industrial fire protection.



Keep ignition sources away - Do not smoke.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Keep receptacle well sealed and storage at a well-ventilated area.

· **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:** 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.  
Wash hands before breaks and at the end of work.  
Use skin protection cream for skin protection.

· **Breathing equipment:**

Not necessary if room is well-ventilated

At formation of dust:

Short term filter device (EN 149):

Filter P1

Filter P2

· **Protection of hands:**

Chemical resistant gloves (EN 374)

After use of gloves apply skin-cleaning agents and skin cosmetics.

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

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· **Material of gloves:**

The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **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

(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

· **9.1 Information on basic physical and chemical properties**

· **General Information:**

· **Appearance:**

Form:	Solid Pellets
Colour:	Yellow
· Odour:	Characteristic
· Odour threshold:	Not determined

· **pH-value:** Not applicable

· **Change in condition:**

Melting point/Melting range:	~42 °C
Boiling point/Boiling range:	Not applicable
Sublimation temperature / start:	Not applicable

· **Flash point:** Not applicable

· **Flammability (solid, gaseous):** Not determined

· **Ignition temperature:** Not determined

· **Decomposition temperature:** Not determined

· **Self ignition temperature:** Not determined

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower:	Not determined
Upper:	Not determined

· **Oxidizing properties:** No data available

· **Vapour pressure:** Not determined

· **Density at 20 °C:** 0.95-0.98 g/cm<sup>3</sup>

· **Bulk density:** Not determined

· **Relative density:** Not determined

· **Vapour density:** Not determined

· **Evaporation rate:** Not determined

· **Solubility in / Miscibility with**

Water:	Dispersible 20 °C
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- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
  - dynamic:** Not applicable
  - kinematic:** Not applicable
- **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:**  
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:**
  - Oral LD<sub>50</sub> >2000 mg/kg (rat)
  - Dermal LD<sub>50</sub> >2000 mg/kg (rat)
- **Primary irritant effect:**
  - **on the skin:** Skin irritation test (rabbit): no irritation
  - **on the eye:** Skin irritation test (rabbit): no irritation
- **Sensitization:** Not sensitizing (guinea pig)
- **Other information (about experimental toxicology):**
  - Ames-test: negative
  - Mutagenicity (Salmonella typhimurium): negative
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**
  - Carcinogenicity: no data 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
- **Additional toxicological information:** The toxicological information refers to the main component.

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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.
- **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:**  
The declaration of the ecology refers to the main component.  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water  
According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water even if extremely small quantities leak into the ground.
- **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:**  
Adhering to the official regulations, it can be disposed of in an appropriate incinerator.  
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> · <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

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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 2 (Self-assessment): 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.

- **Reasons for amendments:**

Information on formulation

General revision

- **Replaces version dated:** 24.07.2012

- **Department issuing MSDS:**

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- **Contact:** Dr. Nicole Rugen-Penkalla

- **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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

CAS: Chemical Abstracts Service (division of the American Chemical Society)