



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

Printing date: 25.07.2017

Version: 2.02

Revision: 25.07.2017

**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:** -
- **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  
Arthur-Imhausen Str. 92  
D-58453 Witten
- 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 product is not classified according to the CLP regulation.
- **Additional information:** Product forms slippery surface when combined with water.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
Safety data sheet available on request.
- **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 characterisation: Mixtures**
- **Description:**  
Mixture consisting of the following components.

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Glycerin esters of fatty acids  
Polyethylene glycol  
Partial glycerides  
Emulsifier(s)

· **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:**  
Rinse mouth with water.  
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:**  
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.

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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:**

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:

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.

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Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation

**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:**

<b>Form:</b>	Solid Pellets
<b>Colour:</b>	Yellow
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined

**pH-value:** Not applicable**Change in condition:**

<b>Melting point/freezing point:</b>	$\sim 42$ °C
<b>Initial boiling point and boiling range:</b>	Not applicable
<b>Sublimation temperature / start:</b>	Not applicable

**Flash point:** Not applicable**Flammability (solid, gas):** Not determined**Ignition temperature:** Not determined**Decomposition temperature:** Not determined**Self ignition temperature:** Not determined**Explosive properties:** Product does not present an explosion hazard.**Explosion limits:**

<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Oxidizing properties:</b>	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**

<b>Water:</b>	Dispersible 20 °C
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- |  |   |
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| · <b>Partition coefficient: n-octanol/water:</b> | Not determined                            |
| · <b>Viscosity:</b>                              |   |
| <b>dynamic:</b>                                  | Not applicable                            |
| <b>kinematic:</b>                                | Not applicable                            |
| · <b>9.2 Other information</b>                   | 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** Based on available data, the classification criteria are not met.
- **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:**
- **Skin corrosion/irritation** Skin irritation test (rabbit): no irritation
- **Serious eye damage/irritation** Skin irritation test (rabbit): no irritation
- **Respiratory or skin sensitisation** Not sensitising (guinea pig)
- **Additional toxicological information:** The toxicological information refers to the main component.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
- **Germ cell mutagenicity**  
Ames-test: negative  
Mutagenicity (Salmonella typhimurium): negative
- **Carcinogenicity** No data available
- **Reproductive toxicity** No data available
- **STOT-single exposure** No classification
- **STOT-repeated exposure** No data available
- **Aspiration hazard** Not relevant

**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

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- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water  
According to appendix 4 of VwVwS dated 17.05.1999 (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.  
The declaration of the ecology refers to the main component.
- **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:**  
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.  
Adhering to the official regulations, it can be disposed of in an appropriate incinerator.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

<ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	Void
<ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> </ul>	No
<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> </ul>	Not applicable
<ul style="list-style-type: none"> <li>· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b></li> </ul>	Not applicable
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	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** None of the ingredients is listed.
- **National regulations**
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water

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- **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:** Layout
- **Replaces version dated:** 25.04.2016

- **Department issuing SDS:**

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- **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

ELINCS: European List of Notified 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