

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

Printing date: 06.12.2012

Version: 1

Revision: 07.31.2013

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:**

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).

• **Additional information:** Product forms slippery surface when combined with water.

• **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**

• **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 (CO₂)
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 (CO₂)
- **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 vapors 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

• 9.1 Information on basic physical and chemical properties	
• General Information:	
• Appearance:	
Form:	Paste
Color:	Light yellow
• Odor:	No data available
• Odor threshold:	Not applicable
• pH-value:	Not applicable
• Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
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:	Not determined
• Explosion limits:	
Lower:	Not determined
Upper:	Not determined
• Oxidizing properties:	Not determined
• Vapor pressure:	Not determined
• Density at 30°C:	~0.98 g/cm ³
• Relative density:	Not determined
• Vapor density:	Not determined
• Evaporation rate:	Not determined
• Solubility in / Miscibility with	
Water:	Immiscible 20 °C
• Segregation coefficient (n-octanol/water):	Not determined
• Viscosity:	
dynamic at 30°C:	~600 mPas
kinematic:	Not determined
• 9.2 Other information	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 LD₅₀ >2000 mg/kg (rat)
Category approach
Dermal LD₅₀ >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 packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

• 14.1 UN-Number	
• ADR, ADN, IMDG, IATA	Void
• 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":	-

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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:**
Peter Cremer North America
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:**
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
ICAO: International Civil Aviation Organization
ADR: 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 Labeling 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

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