

**1 Identification of the substance/mixture**

- Product details
- Trade name: Soap
- Article number: Not available.
- Application of the substance/the preparation: For body cleaning during bathing/showering

**2 Composition/data on components**

- Chemical characterization
- Description: Mixture: consisting of the following components.

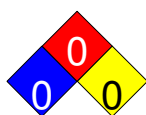
· Dangerous components:		
56-81-5	Glycerin	0.49%
	Fragrance	1.2%
· Non-dangerous components:		
61790-79-2	Sodium palmate	68.11%
61789-89-7	Sodium palm kernelate	17.03%
77-92-9	Citric acid	0.2%
7647-14-5	Sodium chloride	0.49%
7732-18-5	water, distilled, conductivity or of similar purity	12.48%

- Remark:  
 Glycerol (CAS No. 56-81-5)  
 Synonym: Glycerin  
 Sodium salts (CAS No. 61789-89-7)  
 Synonym: Sodium Palm Kernelate  
 Water, distilled, conductivity or similar purity (CAS No. 7732-18-5)  
 Synonym: Aqua  
 The Safety Data of composition fragrance: DIA MENS 387932

**3 Hazards identification**

- Hazard description: Not applicable.
- Information pertaining to particular dangers for man and environment:  
 The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Classification system:  
 The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data

- NFPA ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

- HMIS-ratings (scale 0 - 4)



Health = 0  
Fire = 0  
Reactivity = 0

#### 4 First aid measures

- After inhalation: Supply fresh air, consult with doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact:  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:  
Rinse out mouth with water. If symptoms persist, consult a doctor.

#### 5 Firefighting measures

- Suitable extinguishing agents:  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment:  
Wear fully protective suit.  
Mouth respiratory protective device.

#### 6 Accidental release measures

- Person-related safety precaution: Ensure adequate ventilation.  
Avoid formulation of dust  
Mount respiratory protective device.
- Measures for environmental protection: Do not allow to enter sewers/surface or ground water.
- Measures for cleaning/collecting: Pick up mechanically.

#### 7 Handling and storage

- Handling:
- Information for safe handling:  
Keep receptacles tightly sealed.  
Keep away from heat and direct sunlight.  
Ensure good ventilation/exhaustion at the workplace. Prevent formulation of dust.
- Information about protection against explosions and fires: Normal measures for preventive fire protection.
- Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location
- Information about storage in one common storage facility: Store away from foodstuffs. Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

## 8 Exposure controls and personal protection

· Additional information about design of technical systems: No further data; see item 7.

· Components with limit values that require monitoring at the workplace:

56-81-5 glycerol	
PEL (USA)	15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	10* ppm *Mist
WEL (Great Britain)	10 mg/m <sup>3</sup>
13463-67-7 titanium dioxide	
PEL (USA)	15* mg/m <sup>3</sup> *total dust
REL (USA)	LFC (LOQ 0.2 mg/m <sup>3</sup> )
TLV (USA)	10 mg/m <sup>3</sup>
WEL (Great Britain)	10* 4** mg/m <sup>3</sup> *total inhalable **respirable

- Additional information: The lists that were valid during the creation were used as basis
- Based on the composition shown in section 2, the following measures are suggested for occupational safety measures
  - Personal protective equipment
  - General protective and hygienic measures:  
The usual precautionary measures for handling chemicals should be followed
  - Breathing equipment: Suitable respiratory protective device recommended.
  - Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

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

- 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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- Penetration time of glove material:  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:



Tightlysealedgoggles

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## 9 Physical and chemical properties

· General Information

Form: Solid  
Color: White

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· Change in condition	
Melting point/Melting range:	Not available.
Boiling point/Boiling range:	Not available.
· Flash point:	Not available.
· Flammability (solid, gaseous):	Not available.
· Auto igniting:	Product is not self igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not available.
Upper:	Not available.
· Oxidizing properties:	Not available.
· Vapor pressure:	Not available.
· Density:	Not available.
· Relative density	Not available.
· Vapour density	Not available.
· Evaporation rate	Not available.
· Solubility in / Miscibility with	
Water:	Not available.
· pH-value:	Not available.
· Viscosity:	
Dynamic:	Not available.

## 10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specification.

- Dangerous reaction: No dangerous reactions known.

- Dangerous products of decomposition: No dangerous decomposition products known.

## 11 Toxicological information

- Acute toxicity

- LD/LC50 values that are relevant for classification:

56-81-5 glycerol

Oral	LD50	4090 mg/kg (mouse)
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		12600mg/kg (rat)
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		27000 mg/kg (rabbit)
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77-92-9 Citric acid

Oral	LD50	5040 mg/kg (mouse)
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7647-14-5 Sodium chloride

Oral	LD50	3000 mg/kg(rat)
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- Primary irritant effect
- on the skin: Irritating effect possible.
- on the eye: Irritating effect possible.
- Sensitization: Sensitization possible.
- Additional toxicological information:  
The product is not subject to classification according to internally approved calculation methods for preparations.  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information

- Additional ecological information:
- General notes:  
Water hazard class 1 (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

- Product
- Recommendation: Smaller quantities can be disposed of with household waste.
- Uncleaned packaging
- Recommendation: Disposal must be made according to official regulations.

## 14 Transport information

- DOT regulations
- Hazard class: -
- Identification number: -
- Packing group: -
- Proper shipping name (technical name): -
- Label: -
- Land transport ADR/RID (cross-border)
- ADR/RID class: -
- Danger code (Kemler): -
- UN-Number: -
- Packaging group: -
- Label: -
- Description of goods: -
- Limited quantities (LQ): -
- Transport category: -
- Tunnel restriction code: -
- Maritime transport IMDG
- IMDG Class: -
- UN Number: -
- Label: -
- Packaging group: -
- EMS Number: -
- Marine pollutant: No
- Proper shipping name: -
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

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- |                         |   |
|-------------------------|---|
| · UN/ID Number:         | - |
| · Label:                | - |
| · Packaging group:      | - |
| · Proper shipping name: | - |

## 15 Regulatory

### · Sara

- Section 355 (extremely hazardous substance):

None of the ingredient is listed.

- Section 313 (Specific toxic chemical listing):

None of the ingredients is listed.

- TSCA (Toxic Substances Control Act):

408-35-5	Sodium palmate
61789-31-9	Fatty acids, coco, sodium salts
56-81-5	glycerol
77-92-9	Citric acid
7647-14-5	Sodium chloride
7732-18-5	water, distilled, conductivity or of similar purity

- Proposition 65

- Chemicals known to cause cancer:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

- Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

- Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

- Cancerogenity catalogories

- EPA (Environmental Protection Agency):

None of the ingredients is listed.

- IARC (International Agency for Research on Cancer):

13463-67-7	titanium dioxide	2B
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- NTP (National Toxicology Program):

None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH):

13463-67-7	titanium dioxide	A4
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- NIOSH-Ca (National Institute for Occupational Safety and Health):

13463-67-7	titanium dioxide
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- OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients is listed.

- Product related hazard information:

Observe the general safety regulations when handling chemicals.

This material (or substance or mixture) is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

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· National regulations

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous

## 16 Other information

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The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g).

### DISCLAIMER OF LIABILITY:

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