SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name: CLEANER, SOLOPOL (KRESTOPOL)
Cat. No. 49900027
Container size: 250 ml

1.2. Relevant identified uses of the substance or mixture and uses advised against
Application: Hand cleaner.

1.3. Details of the supplier of the safety data sheet
Supplier: Struers ApS
Pederstrupvej 84
DK-2750 Ballerup
Tel:+45 44 600 800
Responsible for safety data sheet authoring: Responsible for safety data sheet authoring: DHI
Any questions to the contents of this safety data sheet should be sent to: struers@struers.dk

1.4. Emergency telephone number
NHS: 111
+45 44 600 800
(Only during office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
This product is classified as a cosmetic product.

2.2. Label elements
The substance/mixture does not meet the criteria for classification, but the following labelling must be applied:

AQUA (WATER), JUGLANS REGIA SHELL POWDER (ASTOPON), LAURETH-6, SODIUM LAURETH SULFATE, SULFATED CASTOR OIL (EUCORNOL), DISODIUM LAURETH SULFOSUCCINATE, SODIUM CHLORIDE, POLYGLYCERYL-3 CAPRATE, OLEIC ACID, ALOE BARBADENSIS EXTRACT, CELLULOSE GUM, SODIUM BENZOATE, TITANIUM DIOXIDE, CITRIC ACID, XANTHAN GUM, POTTASIUM SORBATE, PARFUM (FRAGRANCE)

2.3. Other hazards
PBT/vPvB: Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
The product contains: surfactants, abrasive, preservative and perfume.
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures
Inhalation: Not relevant.
Skin contact: Flush skin thoroughly with water.
Eye contact: Rinse with water. Contact physician if discomfort continues.
Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

4.3. Indication of any immediate medical attention and special treatment needed
Medical attention/treatments: Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture
Specific hazards: In case of fire, toxic gases may be formed.

5.3. Advice for firefighters
Protective equipment for firefighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Protective equipment: Avoid contact with eyes. For personal protection, see section 8. (*)
Emergency procedures: No specific recommendations. For personal protection, see section 8. (*)

6.2. Environmental precautions
Environmental precautions: Avoid discharge onto the ground.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections
References: For personal protection, see section 8. For waste disposal, see section 13.
SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Safe handling advice: Avoid contact with eyes. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Store in tightly closed original container. Store at room temperature.

7.3. Specific end use(s)
Specific use(s): No information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Occupational exposure limits:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical name</th>
<th>As:</th>
<th>Exposure limits</th>
<th>Type:</th>
<th>Notes</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide, total inhalable dust</td>
<td>-</td>
<td>10 mg/m³</td>
<td>TWA</td>
<td>-</td>
<td>EH40</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide, respirable dust</td>
<td>-</td>
<td>4 mg/m³</td>
<td>TWA</td>
<td>-</td>
<td>EH40</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Engineering measures: None under normal conditions.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: No special precautions.

Hand protection: No special precautions.

Eye protection: No special precautions.

Skin protection: No special precautions.

Environmental Exposure Controls: Not available.
## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td>Viscous liquid</td>
</tr>
<tr>
<td><strong>Colour:</strong></td>
<td>Beige</td>
</tr>
<tr>
<td><strong>Odour:</strong></td>
<td>Perfume</td>
</tr>
<tr>
<td><strong>Odour threshold:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>pH:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Melting point:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Boiling point:</strong></td>
<td>100°C</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>&gt;100°C</td>
</tr>
<tr>
<td><strong>Evaporation rate:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas):</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Explosive limits:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapour pressure:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Vapour density:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Relative density:</strong></td>
<td>0.98</td>
</tr>
<tr>
<td><strong>Solubility:</strong></td>
<td>Miscible with water</td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water):</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature (°C):</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Decomposition temperature (°C):</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Explosive properties:</strong></td>
<td>Not available</td>
</tr>
<tr>
<td><strong>Oxidising properties:</strong></td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 9.2. Other information

**Other data:** Volatile Organic Compound (VOC): 0 g/l
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reactivity: None under normal conditions.

10.2. Chemical stability
Stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Hazardous Reactions: None under normal conditions.

10.4. Conditions to avoid
Conditions/materials to avoid: No information available.

10.5. Incompatible materials
Incompatible materials: No information available.

10.6. Hazardous decomposition products
Hazardous decomposition products: In case of fire, toxic gases may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
This product is classified as a cosmetic product.

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.
Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.
Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive Toxicity: Based on available data, the classification criteria are not met.
STOT - Single exposure: Based on available data, the classification criteria are not met.
STOT - Repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.
Inhalation: Not relevant at normal room temperatures.
Skin contact: Prolonged contact may cause redness and irritation.
Eye contact: Direct contact may irritate.
Ingestion: May cause discomfort if swallowed.
SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity: The product contains surfactants with an average biodegradability of 90% or more.

12.2. Persistence and degradability
Degradability: The product is biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil
Mobility: No data available.

12.5. Results of PBT and vPvB assessment
PBT/vPvB: This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects
Other adverse effects: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements.

Waste from residues: EWC-code: 07 06 99

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
UN-No: -

14.2. UN proper shipping name
Proper Shipping Name: -

14.3. Transport hazard class(es)
Class: -

14.4. Packing group
PG: -

14.5. Environmental hazards
Marine pollutant: -
Environmentally Hazardous substance: -

14.6. Special precautions for user
Special precautions: None known.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk: Not relevant.
SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment
CSA status: No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION
The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 6, 9.
The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.