

Product name:	CLEANER; KRESTOPOL	Page:	1/7
Revision Date:	2013-11-25	Print date:	2013-11-25
Document No.:	M0109	SDS-ID:	US-EN/13.0

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

Product identifier

Product name: CLEANER; KRESTOPOL
Cat. No. 49900027

Container size: 250 ml

Relevant identified uses of the substance or mixture and uses advised against

Application: Hand cleaner.

Details of the supplier of the safety data sheet

Supplier: Struers A/S
Pederstrupvej 84
DK-2750 Ballerup
Tel:+45 44 600 800

Responsible for material safety data sheet authoring: Responsible for material safety data sheet authoring: DHI
Any questions to the contents of this material safety data sheet should be sent to:
Lisbeth.Mygind@struers.dk

Emergency telephone number

Emergency telephone: Infotrac:
1-800-535-5053
Struers US:
1-440-871-0071

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

This product is classified as a cosmetic product, meeting all the requirements of the Cosmetics Directive 76/768/EEC and national cosmetic products regulations.

Human health: Irritating to eyes. May cause minor irritation on skin contact.

Environment: The product contains surfactants with an average biodegradability of 90% or more.

Label elements

Based on information from the manufacturer regarding the chemical composition, the product is not liable to classification, but the following labeling must be applied:

NFPA Rating: Health:0 Fire:0 Reactivity:0 Other:-

AQUA, JUGLANS REGIA SHELL POWDER, LAURETH-6, SODIUM LAURETH SULFATE, SULFATED CASTOR OIL, DISODIUM LAURETH SULFOSUCCINATE, SODIUM CHLORIDE, PEG-4 RAPESEEDAMIDE, POLYGLYCERYL-3 CAPRATE, OLEIC ACID, CELLULOSE GUM, SODIUM BENZOATE, TITANIUM DIOXIDE, CITRIC ACID, PPG-11 STEARYL ETHER, POTASSIUM SORBATE, PARFUM, ALOE BARBADENSIS

Other hazards

PBT/vPvB: Not relevant.

SAFETY DATA SHEET

Product name: CLEANER; KRESTOPOL Page: 2/7
Revision Date: 2013-11-25 Print date: 2013-11-25
Document No.: M0109 SDS-ID: US-EN/13.0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

The product contains: surfactants, abrasive, preservative and perfume.

67/548/EEC:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
2-<10	-	-	-	Anionic surfactants	Xi;R38-41	
2-10	-	-	-	Anionic surfactants	Xi;R36	
<1	-	-	-	Preservative	-	

GHS:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
2-<10	-	-	-	Anionic surfactants	Skin Irrit. 2;H315 Eye Dam. 1;H318	
2-10	-	-	-	Anionic surfactants	Eye Irrit. 2;H319	
<1	-	-	-	Preservative	-	

References: The full text for all R-phrases and hazard statements are displayed in section 16.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

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

Most important symptoms and effects, both acute and delayed

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Not known.

SAFETY DATA SHEET

Product name:	CLEANER; KRESTOPOL	Page:	3/7
Revision Date:	2013-11-25	Print date:	2013-11-25
Document No.:	M0109	SDS-ID:	US-EN/13.0

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

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

Special hazards arising from the substance or mixture

Specific hazards: When heated and in case of fire, toxic and corrosive vapors/gases may be formed.

Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with eyes.

Environmental precautions

Environmental precautions: Avoid discharge onto the ground.

Methods and material for containment and cleaning up

Spill Cleanup Methods: Dam and absorb spillage with sand, sawdust or other absorbent.

Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Safe handling advice: Avoid contact with eyes. Observe good chemical hygiene practices.

Technical measures: Work practice should minimize contact.

Technical precautions: Not relevant.

Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container. Store at room temperature.

Specific end use(s)

Specific use(s): Not relevant.

SAFETY DATA SHEET

Product name:	CLEANER; KRESTOPOL	Page:	4/7
Revision Date:	2013-11-25	Print date:	2013-11-25
Document No.:	M0109	SDS-ID:	US-EN/13.0

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No occupational exposure limit assigned.

Exposure controls

<u>Engineering measures:</u>	No special precautions.
<u>Personal protection:</u>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<u>Respiratory equipment:</u>	No special precautions.
<u>Hand protection:</u>	No special precautions.
<u>Eye protection:</u>	No special precautions.
<u>Skin protection:</u>	No special precautions.
<u>Environmental Exposure Controls:</u>	Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<u>Appearance:</u>	Viscous liquid.
<u>Color:</u>	gray/white
<u>Odor:</u>	Perfume.
<u>pH:</u>	5,2
<u>Boiling point:</u>	100°C
<u>Flash point:</u>	>100°C
<u>Explosion limits:</u>	Not available.
<u>Relative density:</u>	1,11
<u>Solubility:</u>	soluble in water
<u>Other information</u>	
<u>Other data:</u>	VOC (Volatile Organic Substances): 0 g/l

SAFETY DATA SHEET

Product name:	CLEANER; KRESTOPOL	Page:	5/7
Revision Date:	2013-11-25	Print date:	2013-11-25
Document No.:	M0109	SDS-ID:	US-EN/13.0

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Reactivity: None known.

Chemical stability

Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions

Hazardous Reactions: None known.

Conditions to avoid

Conditions/materials to avoid: None specific.

Incompatible materials

Incompatible materials: None known.

Hazardous decomposition products

Hazardous decomposition products: When heated, toxic and corrosive vapors/gases may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhalation: Not relevant at normal room temperatures.

Skin contact: Prolonged contact may cause redness and irritation.

Eye contact: Irritating to eyes.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

Specific effects: Risk of long-term effects is expected to be minimal from occupational exposure.

Carcinogenicity:

IARC Cancer Review: Group 2B for Titanium dioxide.

This product contains titanium dioxide which is classified as a possible carcinogen when present as respirable dust. This is not relevant for this product since it is a liquid.

National Toxicology Program (NTP): No.

OSHA: No.

SAFETY DATA SHEET

Product name:	CLEANER; KRESTOPOL	Page:	6/7
Revision Date:	2013-11-25	Print date:	2013-11-25
Document No.:	M0109	SDS-ID:	US-EN/13.0

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

Persistence and degradability

Degradability: The product is biodegradable.

Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil

Mobility: The product is water soluble and may spread in water systems. No data available.

Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

Other adverse effects

Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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, DOT).

UN number

UN-No: -

UN proper shipping name

Proper Shipping Name: -

Transport hazard class(es)

Class: -

Packing group

PG: -

Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

Special precautions for user

Special precautions: None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: Not relevant.

SAFETY DATA SHEET

Product name:	CLEANER; KRESTOPOL	Page:	7/7
Revision Date:	2013-11-25	Print date:	2013-11-25
Document No.:	M0109	SDS-ID:	US-EN/13.0

SECTION 15: REGULATORY INFORMATION

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

Special provisions: TSCA: Listed.

National regulation: Europe/USA:
This Material Safety Data Sheet has been prepared according to the EU-regulation.

Chemical Safety Assessment

CSA status: Not relevant.

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: -
The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Allan Vorup

Wording of H-statements:

R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

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.
www.dhigroup.com.
