

EC-Safety data sheet according to 91/155/EEC



Trade name: **CREMANA[®]-wash**

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Revised at: 22.12.2006

Print date: 14.05.2008

1. Identification of the substance/preparation and of the company/undertaking

Trade name: **CREMANA[®]-wash**

Recommended use: Mild washing lotion for frequent hand washing.

Effect of the preparation: Cleansing and preservative agent

Manufacturer: ALPRO MEDICAL GMBH
Mooswiesenstr. 9
D-78112 St. Georgen (Germany)
Telephone: +49 7725 9392-0
Telefax: +49 7725 9392-91
Email: alpro@alpro-medical.de
Internet: www.alpro-medical.com

Technical contact point: +49 7725 9392-0

Emergency phone: +49 7725 9392-0 (business hours)
+49 761 19240 Poisoning-information-central, Freiburg (24h emergency call)

2. Composition/information on ingredients

Chemical characterization: Mixture of substances listed below with nonhazardous additions in aqueous solution.

<i>Hazardous ingredients</i>	<i>CAS-No.</i>	<i>Weight-%</i>	<i>Code letter</i>	<i>R-phrases*</i>
Fat alcohol C12-C14		0,1-5%	Xi, N	41, 50
Fat alcohol ethoxylate	68439-50-9	0,1-5%	Xi, N	41, 50
Cocoamidopropylbetaine	61789-40-0	0,1-20%	Xi, N	36, 50
Sodiumlaurylethersulfate	68891-38-3	1-20%	Xi	36/38

*Full text of R-phrases: see under section 16

3. Hazards identification

This product does not require labelling in terms of preparation guideline 1999/45/EC.

4. First-aid measures

General information: Note precautions for self-protection.

On inhalation: No special measures necessary.

On contact with skin: No special measures necessary.

On contact with the eyes: Rinse the eyes with water with the eyelids open for a sufficient length of time, then seek ophthalmological advice immediately.

If swallowed: Rinse out mouth and then drink plenty of water. Do not induce vomiting. Seek medical advice.

Information for the doctor: First aid, decontamination, symptomatic treatment.

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5. Fire-fighting measures

Suitable extinguishing media:	Water, foam, dry fire-extinguishing media, carbon dioxide
Extinguishing media which must not be used for safety reasons:	None known
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:	None known
Special protective equipment for firefighting:	Not necessary
Additional information:	Cool endangered containers with water spray jet and if possible remove off fire area.

6. Accidental release measures

Personal precautions:	Use personal protective clothing. High risk of slipping due to leakage/spillage of product.
Environmental precautions:	Contain spillage with absorbing material, e.g. with sand.
Methods for cleaning up/taking up:	Treat recovered material as prescribed in: Disposal considerations.

7. Handling and storage

Hints for safe handling:	Avoid eye contact.
Hints for protection against fire and explosion:	Product is not flammable.
Further information:	Not necessary
Requirements for storage rooms and vessels:	Keep tightly closed and store only in original container.
Hints on storage assembly:	Not necessary
Further information on storage conditions:	Not necessary
Storage class:	LGK 10

8. Exposure limitation and personal protective equipment

Constituents with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

Does not contain substances above concentration limits fixing an occupational limit.

General health and safety measures:

- Do not eat, drink, smoke while working.
- Wash hands before breaks and on finishing work.
- Preventive skin protection using barrier ointment.
- Keep away of foods and drinks.
- Avoid contact with eyes, skin and clothing.
- Avoid inhalation of aerosols and vapours.

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Personal protection equipment:

Respiratory protection:	Not necessary.
Hand protection:	Not necessary.
Eye protection:	Tightly sealed goggles are recommended.
Protective clothing:	Not necessary.

9. Physical and chemical properties

Form:	liquid			
Colour:	blue			
Odour:	characteristic, perfumed			
pH-value (5% solution):	6,4-6,8	(20°C)		
Boiling point/Boiling range:	not relevant to safety			
Melting point/Melting range:	not relevant to safety			
Flash point (DIN, TRbF):	>55°C			
Flammability (solid, gases):	not determinable			
Explosive properties:	none			
Lower explosion limit:	none			
Upper explosion limit:	none			
Ignition temperature:	not necessary			
Oxidizing properties:	none			
Vapour pressure:	not necessary	at ...°C		
Density:	about 1,02 g/cm ³	at 20°C		
Bulk density:	not determinable	at ...°C		
Solubility in water:	soluble			
in ethanol:	soluble			
in hexan:	not soluble			
Partition coefficient:	not necessary	(n-octanol/water)		
Viscosity (dynamic):	12000-15000	at 20°C	mPas=cP	±5%
Electrical conductivity:	not necessary	(20°C)		
Refractive index nD:	not necessary	(20°C)		
Optical rotation αD:	not necessary			

10. Stability and reactivity

Conditions to avoid:	No hazardous decomposition products if stored and handled as prescribed.
Materials to avoid:	No hazardous reactions with other substances known.
Hazardous decomposition products:	No decomposition if used as prescribed.

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11. Toxicological information

Acute toxicity:	No acute toxicity known.
Primary irritant effect on the skin:	No primary irritant effect on the skin known.
Primary irritant effect on the eye:	No primary irritant effect on the eye known.
Mutagenic potential:	No mutagenic potential known.
Sensitization:	No sensitizing effects known.

The product was classified on the basis of the calculation procedure of the preparation directive 1999/45/EC.

Based on manufacturer data of the main components the acute toxicity, the skin irritation, the mucous membrane irritation and the mutagenic potential of the preparation were evaluated. However, some data are not complete regarding particular main components. Nevertheless according to the experience of the manufacturer there are no other hazards expected than those which are already mentioned on the label.

12. Ecological information

Ecotoxicity:	Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.
Persistence and degradation:	Readily degradable. All organic ingredients contained in the product achieve values in tests for ready degradability (e.g. OECD 301 A-F) of at least 60% BOD/COD or 70% DOC reduction (tolerance value for classification as "readily degradable": $\geq 70\%$ DOC reduction or $\geq 60\%$ BOD/COD in 28 days). This product contains surfactants which are at least 90% biodegradable by reference to the German regulation June 4, 1986.
Other adverse effects:	No other adverse effects known.
Further information:	Do not allow product to reach ground water or waters and do not empty undiluted product into sewers.

13. Disposal considerations

Disposal of the product:

In the EC member states there are no standardized regulations for the disposal of chemicals. In Germany the law of the cycle of economy and waste (KrW/AbfG) prescribes the principle of utilization and therefore a distinction must be made between "waste for utilization" and "waste for removal". Furthermore special cases – particularly in case of delivery – are also regulated by the federal states. Please contact the corresponding office (authority or waste disposal company) who will inform you about the utilization or removal.

Waste code no.*: 07 06 99

Disposal of uncleaned as well as completely emptied packings:

Disposal according to official regulations. Contaminated packings are to be treated like the substance.

Waste code no.*: 15 01 02

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Further information:

If there is no official regulation, non-contaminated packings can be treated like domestic waste or can be recycled.

*Waste code no.: Waste incurred is classified following the code of the European waste register according to kind of waste and branch.

14. Transport information

No hazardous material as defined by the transport regulations (ADR/RID, IMDG-Code, ICAO-TI/IATA-DGR)

15. Regulatory information

Labelling

Code letter: -

Hazard designation: -

contains: -

R-phrases: -

S-phrases: -

Special labelling of certain preparations (preparation directive 1999/45/EC annex V):
not necessary

National regulations (Germany)

Restrictions of occupation: None

Störfallverordnung: -

Classification according to VbF: Not subject to the VbF

Technische Anleitung Luft: -

Water hazard class: WGK 2 (water hazardous); self-classification

16. Other information

Full text of R-phrases appearing in section 2:

(This is not the classification of the product CREMANA-wash!)

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

Further information:

This information is based on our present knowledge and describes the safety measures which are to be taken for this product. However, this shall not constitute a guarantee for any product features.

Marking of changes:

The registered company name of the manufacturer was changed in chapter 1.