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Page : 1/4

Section 1 - Chemical Product and Company Identification

Trade name	smartWash
-Use of product	Hand wash lotion
Supplier	Alfred Becht GmbH Carl-Zeiss-Str. 16 Postfach 1145 77656 Offenburg T: +4978160586-0 – F: +4978160586-40
Emergency phone number	+4976119240 { Vergiftungs-Informations-Zentrale Freiburg}

Section 2 - Hazards Identification

The Preparation is not classified as Hazardous according to EU Directive

Hazardous Symbol(e) None

Information pertaining to particular dangers for man and environment **Void**

Classification system

The classification is in line with current EC lists It is expanded, however, by information from technical literature and any information furnished by suppliers company

According to cosmetic legislation the Product is not classified

Section 3 - Composition, Information on Ingredients

Chemical characterization

Description

Waters / surfactants Preparation Wash lotion

Ingredients : Aqua, Sodium Laureth Sulfate, Sodium Chloride , Cocoamidopropylbetaine , Glyceryl , Propylene glycol , Peg-7 Glyceryl Cocoate , Perfume , Citric acid , Methylchloroisothiazolinone , Methylisothiazolinone , Isopropyl myristate , Soybean oil , Retinyl palmitate , safflower oil , linoleic acid , tocopherol , Hexyl cinnamal , Linalool

Additional information: For the wording of the listed risk phrases refer to section 16

Section 4 - First Aid Measures

General Information :	In case of doubt or persistent symptoms , call a physician . Never give anything by mouth to an unconscious person
Inhalation	Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
Skin	In contact with skin wash immediately with plenty of water. Remove contaminated clothing Rinse skin immediately with mild soap and plenty of water(shower if necessary) Consult doctor if irritation develops
Eye	Rinse immediately thoroughly and long (at least 15 min) with plenty of water Remove contact lenses Consult eye doctor if irritation of eyes develops Do not use a neutralisation agent
-Ingestion	DO NOT INDUCE VOMITING Rinse mouth with water Seek medical attention IMMEDIATELY

Section 5 - Fire Fighting Measures

Extinguishing Media:

Suitable Use water spray, foam, powder , carbon dioxide

Unsuitable Water stream

Special procedures

Apply water spray or fog to cool nearby equipment Avoid fire-fighting water to enter environment

Special exposure hazards

Fire may liberate carbon oxides (CO) and smoke

Special protective equipment for Firefighters

Use self-contained breathing apparatus when in close proximity to fire

Section 6 - Accidental Release Measures

Personal Precautions

Eliminate every possible of ignition (open fire , sparks , smoking)Evacuate all personnel immediately and ventilate area
Avoid breathing vapour and contact with skin , eyes and clothing Wear recommended personal protective equipment(See chapter 8)

Environmental precautions

Shut off leaks if without risks

Dike in the spilled product as much as possible with inert material Prevent entry of product in public water, sewers or soil Notify authorities if product enters sewers or public waters

Methods for cleaning up

Collect the spillage in closable, suitable disposal containers Clean up any spills as soon as possible, using an inert absorbent material For the removal of the waste product see chapter 13 Residue is to be washed down with plenty of water

Section 7 - Handling and Storage

Handling

Avoid breathing vapour and contact with skin, eyes and clothing. Wear recommended personal protective equipment (See chapter 8)

Protection against Fire and Explosion

Eliminate every possible of ignition (open fire, sparks, smoking) Use special care to avoid static electric discharges Use explosion proof equipment

Storage Keep only in the original, safety locked container in a cool, well ventilated and fire proof place Store away from all heat sources including direct sunlight, sparks, and flame. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

Packaging material

Polyethylene, Polypropylene

Section 8 - Exposure Controls, Personal Protection

Engineering measures Ventilate area

Industrial Hygiene When using, do not eat , drink or smoke Emergency eye wash fountains and showers should be available in the immediate vicinity of any potential exposure

Occupational Preparation

Exposure Limits None

Personal Protective Equipment

Respiratory protection Ventilation, Local exhaust
CE –approved organic vapour and solvent respirator (Type AX , brown)

Hand protection Wear neoprene & natural rubber gloves,

Eye protection Wear chemical splash goggles

Skin and body protection Wear appropriate protective clothing to prevent skin exposure

Section 9 - Physical and Chemical Properties

Physical State	Viscose Liquid
Color	clear colorless
Odor	Perfume characteristic
PH	5,5 ± 0,50
Boiling Point /Range (1013 hPa)	>100 °C
Congeaing /Melting Point	No data available
Freezing Point	<-8°C
Flash Point	Not determined
Autoignition Temperature	Not determined
Explosion Limits: Lower	Not determined
Vapour Pressure	Not determined
Specific Gravity	1,00 ±0,02 g/cm ³ at 20°C
Solubility in water	Soluble
Log P Octanol / Water at 20oC	Not established
Viscosity	Not determined

Section 10 - Stability and Reactivity

Chemical Stability Stable at room temperature in closed containers under normal storage and handling conditions.

Incompatibilities with Cationic surfactants an preparation with cationic surfactants
Other Materials

Hazardous None

Decomposition

Hazardous Reaction None

Section 11 - Toxicological Information

Acute toxicity

Primary irritant effect

On the skin No irritant effect

Additional toxicological information

The product is not subject to classification according to the calculation method of the general EC Classification Guidelines for preparations as issued in the latest version

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

Section 12 - Ecological Information

Persistence and Degradability Expected to be readily biodegradable

CSB Value Not Determined

BSB Value Not Determined

Additional ecological Information

The surfactants contained in this preparation complies with e biodegradability criteria as laid own in Regulation 648/2004/EC on detergents Data to support this assertion are held at the disposal of the competent authorities of the member States and will be made available to them , at their direct request or at the request of a detergents manufacturer

Section 13 - Disposal Considerations

Do not introduce large amounts of the product into drains; bring it to the local authorities for elimination

Discard plastic bottles / cans in recycling containers after emptying and closing with original caps

Waste key for non- using product: AVV 07 06 01

Waste group: AVV

Waste from the manufacture formulation, supply and use (HZVA) from fatty, grease , soap ,detergents , disinfectants and cosmetic

Section 14 - Transport Information

ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not Classified.
SEA TRANSPORT NOTES	Not Classified.
AIR TRANSPORT NOTES	Not Classified.

Section 15 - Regulatory Information

This product is not classified as Dangerous according to EU Directive

Hazardous symbol(e)	None
R-Phrases	None

Section 16 - Other Information

This safety data sheet has been drawn up in accordance with regulation 1907/2006/EC article 31

This safety data sheet is exclusively made for industrial / professional use