

GLENDO

CORPORATION

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MATERIAL NAME: HAND PROTECTOR

TRADE NAME: Hand Protector
PART NUMBERS: 022-982, 022-983
MANUFACTURER'S NAME: Glendo Corporation
ADDRESS: 900 Overlander Road, Emporia, KS 66801
PHONE: (620) 343-1084

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Cosmetic O/W-emulsion. Contains no dangerous substance according to the German Dangerous Substances Ordinance. Does not contain silicones or preservatives.

INGREDIENTS: Aqua (water), Glycerine, Sodium Silicate, Sodium Tallowate, Ceteareth-5, Sodium Palmcernelate, Paraffin, Parfum (fragrance)

3. HAZARDS IDENTIFICATION

Harmless product as far as can be ascertained, when used - as intended - as a cosmetic product for skin protection.

4. FIRST AID MEASURES

EYE CONTACT: Rinse with plenty of water, if necessary consult a doctor.

INGESTION CONTACT: Drink plenty of water, if necessary consult a doctor.

5. FIRE, EXPLOSION DATA AND MEASURES

SUITABLE EXTINGUISHING MEDIA: all standard extinguishing media

PARTICULAR THREAT: none

IGNITION TEMPERATURE: after evaporation of water > 698°F (370 °C)

FLASH POINT: after evaporation of water > 374°F (90°C)

EXPLOSION LIMITS: unknown

6. ACCIDENTAL RELEASE MEASURES

Dispose of in a suitable container or rinse with water, remainders to be cleaned away by means of cleansing agents to avoid eventual danger of slipping.

7. HANDLING AND STORAGE

HANDLING: Skin protection cream to be rubbed into the skin before work and washed off with water after work.

STORAGE: Keep containers tightly closed, temperature 5°F (-15°C) to a max of 95°F (+35°C) storage stability at room temperature 77°F (25°C) > 3 years

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin protection preparation can be used on the skin without any time limit. The product is personal protection itself according to EU-directive 89/656/EU.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: foamy/creamy

COLOR: white

ODOR: almond-like

PH VALUE: Upon application, neutral. Acidic or alkaline reactions are an effect of appropriate ions only possible in aqueous solutions. Therefore, the Hand Protector is neutral. During the process of hand washing, for a short period of time, a pH-value of approximately 9.5 is effective, i.e. as washing soap would be used for hand washing.

SOLUBILITY: (68°F, 20°C) > 90%

CHANGE IN PHYSICAL STATE: N/A

DENSITY: (68°F, 20°C) about 0.5 g/cm³

VAPOR PRESSURE: (68°F, 20°C) about 20 mbar

VISCOSITY: (68°F, 20°C) structural viscous

10. STABILITY AND REACTIVITY

STABILITY: The product is stable from 5°F (-15°C) to a max of 104°F (+40°C).

REACTIVITY: Even at extreme working conditions, no reactions with working media or working substances are to be expected.

11. TOXICOLOGICAL INFORMATION

All ingredients are raw materials defined for the production of cosmetics and subject to an appropriate quality control. In the case of many years of application, no toxic or allergic reactions have been ascertained.

12. ECOLOGICAL INFORMATION

BIOLOGICAL DEGRADABILITY: according to OECD testing very good (> 97%) BSB5 (523.700 mg O₂/l) 83.5%

WATER DANGER CLASS: Water danger class 0 (self-classification)

13. DISPOSAL CONSIDERATIONS

PRODUCT: Hand Protector can be burnt together with domestic garbage with local regulations or, piped into the sewer system after dissolving in water, waste key: 070 699.

PACKAGING: Disposal according to governmental regulations. If not officially regulated, packaging can be treated like domestic garbage or be lead into a recycling system.

14. TRANSPORT INFORMATION

Not dangerous goods according to transport regulations.

15. REGULATORY INFORMATION

The product is subject to the Cosmetics Directive.

SYMBOLS: none

R-PHRASES: none

S-PHRASES: none

16. OTHER INFORMATION

The information contained herein is based on data considered to be accurate; however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third party persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the material safety data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third party persons proximately caused by abnormal use of this material even if reasonable safety procedures are followed.

Vendee assumes the risk in use of this material.

<u>CREATION DATE</u>	<u>CREATED BY</u>	
03/26/2013	R. Fessler	
<u>REVISION DATE</u>	<u>REVISED BY</u>	<u>REASON FOR REVISION</u>