



ASTRAL SAFETY DATA SHEET

Skin Guard

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME: Skin Guard

PART No.: A680

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: Mixture of substances listed below with nonhazardous additions.

NAME	EC No.	CAS No.	CONTENTS	CLASSIFICATION
glycerol	200-289-5	56-81-5	25-50%	
Silicic acid, sodium salt	215-687-4	1344-09-8	< 2.5%	Xn; R 22-37/38-41

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

3. HAZARDS IDENTIFICATION

Hazard description: Not applicable.

Information concerning particular hazards for human and environment: The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. FIRST AID MEASURES

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: No special measures required.

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6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:	Not required.
Measures for environmental protection:	Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Additional information:	No dangerous substances are released.

7. HANDLING AND STORAGE

Handling:	
Information for safe handling:	No special measures required.
Information about fire - and explosion protection:	No special measures required.
Storage:	
Requirements to be met by storerooms and receptacles:	No special requirements.
Information about storage in one common storage facility:	Not required.
Further information about storage conditions:	None.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

56-81-5 glycerol

WEL () Long-term value: 10 mg/m³

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Fluid	COLOUR:	According to product specification
ODOUR/TASTE:	Characteristic	Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C	Flash point:	160°C
Self-igniting:	Product is not selfigniting.	Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	0.9 Vol %	Vapour pressure at 20°C:	23.0 hPa
Lower:			
Density:	Not determined.	Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Solvent content:	0.0 %	Water:	58.5 %
Organic solvents:			
Solids content:	42.6 %		

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Land transport	ADR/RID
ADR/RID class:	-
Maritime transport	IMDG:
IMDG Class:	-
Marine pollutant:	No
Air transport ICAO-TI and IATA-DGR:	
ICAO/IATA Class:	-

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15. REGULATORY INFORMATION

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

Safety phrases:

56 Dispose of this material and its container to hazardous or special waste collection point.

Special labelling of certain preparations:

Safety data sheet available for professional user on request.

National regulations:

Technical instructions (air):

Class Share in %

Wasser	58.5
NK	26.4

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

16. OTHER INFORMATION

Relevant R-phrases

22	Harmful if swallowed.
37/38	Irritating to respiratory system and skin.
41	Risk of serious damage to eyes.

DISCLAIMER

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