

# MATERIAL SAFETY DATA SHEET

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according to (EC) No. 1907/2006

Date of print: 07.02.2008

Revised: 07.02.2008

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

**Trade Name:** GLANOS Natural Liquid Wax Cleaner No. 559  
**Use of the substance / preparation:** As an additive to the cleaning water, and to clean oiled and waxed furniture or floors. Also for tiles and linoleum.  
**Manufacturer:** LIVOS Plant Chemistry  
Auengrund 10  
D - 29568 Wieren  
**Technical contact point:** Product Security Dept  
**Telephone / E-Mail:** Tel. 05825 / 880 / E-Mail: Projekte@livos.de  
**Emergency Phone:** 05825 - 880 (Monday-Thursday 7-16H00 and Fridays 7 – 13H00)

## 2. Hazards identification

**Hazard(s) statement(s):** The preparation is not dangerous in the sense of the guideline 1999/45/EG.

**Informations pertaining to special dangers for humans and environment:** Void.

## 3. Composition/information on ingredients

**Chemical characterization (substance):** Preparation out of: Water, potash, shellac wax, carnauba wax, Japan wax, corn germ oil potassium soap, sugar-fatty-acid condensate, citric acid, ethanol and glycerol.

### **Hazard(ous) ingredient(s):**

CAS-no.	Name	Percent	Symbol	R-phrases
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## 4. First aid measures

**General information:** -  
**In case of inhalation:** -  
**In case of skin contact:** Rinse with water.  
**In case of eye contact:** Rinse immediately and thoroughly out with much water until the irritation diminishes. By continuous eye irritation, visit your optician.  
**In case of ingestion:** Give immediately water to drink and consult a physician.

## 5. Fire-fighting measures

**Suitable extinguishing media:** Void.

**Extinguishing media which must not be used for safety reasons:** -

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:** -

**Special protective equipment for fire-fighters:** -

**Additional information:** -

## 6. Accidental release measures

**Personal precautions:** -

**Environmental precautions:** Do not allow to enter water bodies.

**Methods for cleaning up:** Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and eliminate correctly. Clean thoroughly with a lot of water.

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## 7. Handling and storage

Advice on safe handling: -  
Precautions against fire and explosion: -  
Further information: -  
Further information on storage conditions: Cool, but frost-protected, drying  
Requirements for storage rooms and vessels: -  
Hints on storage assembly: Nothing  
Storage class: -  
Flammable Liquid Class: -

## 8. Exposure controls / Personal protection

Monitor requiring components with occupational exposure limits resp. biological exposure limits:

Occupational exposure limit value (AGW) Germany

CAS-No.	Designation of the material	Limit value	Unit	Kind
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Exposure control:

Personal protection equipment:

Respiratory protection: -

Hand protection: -

Eye protection: -

Protective clothing for the body: -

## 9. Physical and chemical properties

Color: yellowish  
Physical state: Liquid.  
Odor: Mild  
Melting point / melting range: not determined  
Boiling temperature / boiling range: 98°C  
Flash point: n.d.  
Auto Ignition temperature: n.d.  
Auto-inflammability: void  
Explosion risk: -

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**Explosion limits (LEL, UEL)::** Upper: n.d. Lower: n.d.  
**Vapor pressure:** -  
**Solidification :** n.d.  
**pH-Value:** 8.4  
**Density:** 0.99 g/cm<sup>3</sup>  
**Water solubility:** mixable.  
**Viscosity:** DIN 4 mm = 19 sec

## 10. Stability and reactivity

**Dangerous reactions:** -  
**Materials to avoid:** The product does not show any dangerous reactions.  
**Hazardous decomposition products:** No hazardous decomposition products known.

## 11. Toxicological information

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

**Practical experience:** Because of the general experience, the scientific literature and the legal regulations is there under adherence to the instructions for use, no health endangerment to be expected. Watch out for possible allergic reaction to particular agents.

## *Information about the content*

### **Acute Toxicity:**

<u>Component (Name)</u>	<u>Kind</u>	<u>Value</u>	<u>Species</u>
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**After inhalation:** -

**After skin contact:** -

**After eye contact:** -

**After swallowing:** -

## 12. Ecological information

**General information:** Do not allow to enter water bodies.

**Ecotoxicity:** The individual ingredients are not aquatic toxic. Therefore it is also to be expected for the overall product.

**Persistence and degradability:** Because of the information on hand about the individual ingredients, the product as a whole can be seen as readily biodegradable.

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## **13. Disposal considerations**

**Recommendation:** Dispose of waste according to applicable local, state, and federal regulations.

**Waste codes/waste designations no. in accordance with AVV:** 20 01 30 Detergents other than those mentioned in 20 01 29.

**Disposal considerations:** -

**Appropriate disposal / packaging:** Contaminated packing must be completely emptied and can be re-cycled after proper cleaning.

## **14. Transport information**

Land transport (ADR/RID) and GGVS/ GGVE: Non dangerous goods in the sense of these transport regulations.

**ADR/ RID-GGVS/ E Class:** **Cypher/letter:**

**Kemmler amount:** **UN Number:**

**Description of the goods:**

Marine transport (IMDG) / GGVSee: Non dangerous goods in the sense of these transport regulations.

**IMDG/ GGVSee- Class:** **Page:**

**UN Number:** **Packing group:**

**EMS No.:** **MP:**

**Proper technical name:**

Air transport (ICAO-TI / IATA-DGR): Non dangerous goods in the sense of these transport regulations.

**ICAO/ IATA- Class:** **UN/ ID Number:**

**Packing group:**

**Proper technical name:**

## **15. Regulatory information**

**Classification and Labelling According to EC Regulations / Hazardous Goods Act**

**Hazard(s) symbol(s) and hazard(s) statement(s) of the product:** -

**Hazardous components for labelling:**

**R-phrases:**

**S-phrases:** S 2 Keep out of the reach of children.

**National regulations**

**Water Endanger class:** WGK 1 (German Water Hazards Classes, self-classification): weak water-endangering.

## **16. Other information**

**Relevant R-phrases (Number and full text) under Point 2 and 3:**

**Data sources:** <http://www.baua.de>

**Data Sheet originated from:** Department: Product security

The information described in this datasheet refers exclusively to the characteristics and safety requirements of this particular product. They cannot apply however any longer, if the product is mixed with other materials or is used during a different process. The statements correspond to our knowledge and experiences at the indicated time. However, no guarantee for soundness, reliability and completeness is given. The user must make sure of all the facts that all specifications for his respective use are suitable and complete.