

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MANNOL Scheibenreiniger 1:100

**Product Use:**

**Date of issue :** 08.01.2013

**Revision Date :** 12.12.2013

**Company Information:** Sudheimer Car Technik Vertriebs GmbH

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### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

GHS07



Skin Irrit. 2 H315 Causes skin irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/ EC  
void

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 in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:

C12-C14 Oxoalkoholethersulfat, Na-Salz

Hazard statements

H315 Causes skin irritation. H318 Causes serious eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves / eye protection / face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor/physician.  
 P501 Dispose of contents/container in accordance with local/ regional/national/international regulations.

**2.3 Other hazards**  
 Results of PBT and vPvB assessment  
 PBT: Not applicable.  
 vPvB: Not applicable.

<b>3 Composition/information on ingredients</b>		
<b>3.2 Chemical characterization: Mixtures</b>		
Description: Mixture of the substances listed below with harmless additions.		
Dangerous components:		
78330-30-0	C12-C14 Oxoalkoholethersulfat, Na-Salz  Xi R36/38  Eye Dam. 1, H318;  Skin Irrit. 2, H315	10-<20%
Regulation (EC) No 648/2004 on detergents / Labelling for contents		
anionic surfactants		5 - 15%
perfumes, colouring agent, BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE		< 5%
Additional information For the wording of the listed risk phrases refer to section 16.		

**4 First aid measures**

**4.1 Description of first aid measures**  
 General information No special measures required.  
 After inhalation Supply fresh air; consult doctor in case of symptoms.  
 After skin contact  
 Instantly wash with water and soap and rinse thoroughly.  
 After eye contact  
 Rinse opened eye for several minutes under running water. Then consult doctor.  
 After swallowing In case of symptoms consult doctor.

**4.2 Most important symptoms and effects, both acute and delayed**  
 No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**  
 No further relevant information available.

**5 Firefighting measures**

**5.1 Extinguishing media**  
 Suitable extinguishing agents  
 CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**5.2 Special hazards arising from the substance or mixture**  
 No further relevant information available.

**5.3 Advice for firefighters**  
 Protective equipment: No special measures required.

## **6 Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

### **6.2 Environmental precautions: Dilute with much water.**

### **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### **6.4 Reference to other sections**

No dangerous materials are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

## **7 Handling and storage**

### **7.1 Precautions for safe handling No special measures required.**

Information about protection against explosions and fires:

No special measures required.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Storage**

Requirements to be met by storerooms and containers:

No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

7.3 Specific end use(s) No further relevant information available.

## **8 Exposure controls/personal protection**

Additional information about design of technical systems:

No further data; see item 7.

### **8.1 Control parameters**

Components with critical values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the compilation were used as basis.

### **8.2 Exposure controls**

Personal protective equipment

#### **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

**Breathing** equipment: Not required.

Protection of hands: Protective gloves.

Material of gloves

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

Penetration time of glove material

Value for the permeation: Level  $\leq 480$  min

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:** Tightly sealed safety glasses.

## **9 Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

<b>General Information</b>	
Appearance:	
Form:	Fluid
Colour:	Green
Smell: like lemon	
pH-value (10 g/l) at 20 °C:	8
Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C
Flash point:	Not applicable
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Steam pressure at 20 °C:	23 hPa
Density at 20 °C	1.014 g/cm <sup>3</sup>
Solubility in / Miscibility with Water:	
<b>9.2 Other information</b>	
Fully miscible	
No further relevant information available.	

<b>10 Stability and reactivity</b>
<b>10.1 Reactivity Stable at normal temperature and normal pressure.</b>
<b>10.2 Chemical stability</b>
Conditions to be avoided:
No decomposition if used according to specifications.
<b>10.3 Possibility of hazardous reactions</b> No dangerous reactions known
<b>10.4 Conditions to avoid</b> No further relevant information available.
<b>10.5 Incompatible materials:</b> No further relevant information available.
<b>10.6 Hazardous decomposition products:</b> None

<b>11 Toxicological information</b>
<b>11.1 Information on toxicological effects</b>
<b>Acute toxicity:</b>
Primary irritant effect:
on the skin: Irritant for skin and mucous membranes.
on the eye: Strong irritant with the danger of severe eye injury.
Sensitization: No sensitizing effect known.

<b>12 Ecological information</b>
<b>12.1 Toxicity</b>
<b>Aquatic toxicity:</b> No further relevant information available.
<b>12.2 Persistence and degradability</b>
No further relevant information available.
<b>12.3 Bioaccumulative potential</b>
No further relevant information available.
<b>12.4 Mobility in soil</b> No further relevant information available.
Additional ecological information:
General notes:
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 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 detergent manufacturer.
Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted

product or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

**13 Disposal considerations**

**13.1 Waste treatment methods**

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

07 06 01\* aqueous washing liquids and mother liquors

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

**14 Transport information**

**14.1 UN-Number**

ADR, ADN, IMDG, IATA Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class Void

**14.4 Packing group**

ADR, IMDG, IATA Void

**14.5 Environmental hazards:** Not applicable.

**14.6 Special precautions for user** Not applicable.

**14.7 Transport in bulk according**

to Annex II of MARPOL73/78 and the

IBC Code Not applicable.

Transport/Additional information:

Number/Letter:

UN "Model Regulation": -

**15 Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations

Water hazard class:

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

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**16 Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315 Causes skin irritation. H318 Causes serious eye damage.

R36/38 Irritating to eyes and skin. . . . .

Department issuing data specification sheet: Abt. Produktsicherheit

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

\* Data compared to the previous version altered.

**The information in this document has been compiled on the basis of the best available knowledge in accordance with the legislative requirements. It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy themselves as to the application of the information and/or the recommendations given for their own use**