

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** MANNOL Auto Wash&Wax

**Product Use:** Autoshampoo

**Date of issue :** 08.01.2013

**Revision Date :** 12.12.2013

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

**Address:** Feldstrasse 154, 22880 Wedel, Germany

**Information telephone :** +49 (0) 4103 1211 118

**Emergency telephone :** +49 (0) 4103 1211 0

**E-mail :** info@sct-germany.de

**Fax :** +49 (0) 4103 1211 116

### 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.

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

Xi; Irritant



R36: Irritating to eyes.

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:

Oxoalcohol C13 ethoxilate with 5-9 mole EO

Hazard statements

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 eye protection / face protection.

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.

## 3 Composition/information on ingredients

### 3.2 Chemical characterization: Mixtures

Description:

Mixture of the substances listed below with harmless additions.

Dangerous components:

CAS: 69011-36-5	Oxoalcohol C13 ethoxilate with 5-9 mole EO  Xn R22;  Xi R41 <hr/>  Eye Dam. 1, H318;  Acute Tox. 4, H302	5-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43	ethanol  F R11 <hr/>  Flam. Liq. 2, H225;  Eye Irrit. 2, H319	< 2.5%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants	5 - 15%
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**

The product is not skin irritating.

Because of skin-degrease rinse off immediately the product with water and soap. Remove contaminated clothes immediately.

**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

Use fire fighting measures that suit the environment.

## 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.

Storage class 10

### 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:

64-17-5 ethanol

WEL (Great Britain) Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

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

#### General Information

##### Appearance:

Form:	Fluid
Colour:	Cream coloured
Smell:	Mild
pH-value at 20 °C:	6-8

##### Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C
Flash point:	181 °C
Ignition temperature:	365 °C
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Steam pressure at 20 °C:	23 hPa
Density at 20 °C	0.995 g/cm <sup>3</sup>

##### Solubility in / Miscibility with

Water:	Fully miscible
--------	----------------

### 9.2 Other information      No further relevant information

available.

## 10 Stability and reactivity

**10.1 Reactivity** Stable at normal temperature and normal pressure.

### 10.2 Chemical stability

Conditions to be avoided:

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** None

## 11 Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

69011-36-5 Oxalcohol C13 ethoxilate with 5-9 mole EO

Oral	LD50	> 500 mg/kg (rat)
------	------	-------------------

64-17-5 ethanol

Oral Dermal Inhalative	LD50 LD50 LC50/4 h	10470 mg/kg (rat) > 2000 mg/kg (rabbit) > 20 mg/l (mouse)
------------------------	--------------------	---

Primary irritant effect:

on the eye: Strong irritant with the danger of severe eye injury.

Sensitization: No sensitizing effect known.

Additional toxicological information:  
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.

## 12 Ecological information

### 12.1 Toxicity

Aquatic toxicity:

64-17-5 ethanol

EC50 / 48 h EC50 / 72 h	> 10000 mg/l (daphnia magna) 275 mg/l (Chlorella vulgaris)
-------------------------	---

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

No further relevant information available.

### 12.4 Mobility in soil 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 2 (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

### 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 Void

### 14.2 UN proper shipping name

ADR Void

### 14.3 Transport hazard class(es)

ADR

Class Void

### 14.4 Packing group

ADR 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.

## **15 Regulatory information**

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

### **National regulations**

Technical instructions (air):

Class Share in %

Wasser NK 79.5

2.0

Water hazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

Other regulations, limitations and prohibitive regulations

BGR 190 (Regeln für den Einsatz von Atemschutzgeräten)

BGR 192 (Regeln für den Einsatz von Augen- und Gesichtsschutz) BGR 195 (Regeln für den Einsatz von Schutzhandschuhen)

### **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**

H225 Highly flammable liquid and vapour. H302 Harmful if swallowed.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

R11 Highly flammable.

R22 Harmful if swallowed.

R41 Risk of serious damage to eyes.

### **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)

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) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

**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.**