

Date of issue: 11.11.2015 Replaces Data Sheet of: ---
 "" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**
Trade Name: Hamanol
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: cleaning agent, Maintenance product
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 STÜBBEN GmbH riding equipment, Langmattring 32, Postfach 1055, CH- 6371 Stans
 Telephone: +41 41 618 60 00, Telefax: +41 41 618 60 06, E-Mail: info@stuebben.com
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone: +41 41 618 60 00 (8:30 – 16:30) Telephone: +44 870 600 6266
 STIZ / CSIT
 Telephone : 145 (CH)

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
 Acute Tox. 4; H302 / Eye Dam. 1; H318
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: Yes.
 Applicable Exemptions: No.
 Signal word(s): Danger
 Component(s): contains
 Alcohols, C16-18-, ethoxylated; (Z)-9-Octadecen-1-ol ethoxylated

H - Phrases:
 H302: Harmful if swallowed.
 H318: Causes serious eye damage.

P - Phrases:
 P280: Wear protective gloves/protective clothing/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.
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

 Additional Markings: None.

 The above mentioned labelling is valid for distribution to industrial user.
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.

Hazard pictogram(s):



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 Telephone: +41 41 618 60 00, Date of issue: 11.11.2015 Replaces Data Sheet of: ---

SECTION 3: Composition/information on ingredients**3.1 Substances**

n. ap.

3.2 Mixtures**Chemical Characterisation:**

Aqueous surfactant solution.

Ingredients:

Material			H - phrases	m% - range
CAS - No.	EC - No.	REACH - No.		
Lanolin			n. ap.	25 - 35%
8006-54-0	232-348-6	n. av.		
Alkohole, C16-18-, ethoxyliert (durchschnittliches Molverhältnis 20 Mol EO)			Acute Tox. 4; H302 / Eye Dam. 1; H318	1 - 5%
68439-49-6	n.av.	n. av.		
(Z)-9-Octadecen-1-ol ethoxyliert (5 - 25 EO)			Acute Tox. 4; H302 / Eye Dam. 1; H318	1 - 5%
9004-98-2	n.av.	n. av.		
Isotridecanoethoxylate (2 - 5 EO)			Eye Dam. 1; H318	1 - 2,9%
9043-30-5	500-027-2	n. av.		
Kokosalkohol, ethoxyliert (2 - 5 EO)			Eye Dam. 1; H318	1 - 2,9%
61791-13-7	n.av.	n. av.		

Text of H - phrases: see section 16

SECTION 4: First aid measures**4.1 Description of first aid measures****4.1.1 Inhalation:**

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

4.1.2 Skin Contact:

Rinse with water. If skin irritation persists, call a physician.

4.1.3 Eye Contact:

Call a physician immediately. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

4.1.4 Ingestion:

Clean mouth with water and afterwards drink plenty of water.

Do not induce vomiting. Consult a physician if necessary.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**Use dry chemical, CO₂, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

high volume water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon oxides.

5.3 Advice for firefighters**5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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 Telephone: +41 41 618 60 00, Date of issue: 11.11.2015 Replaces Data Sheet of: ---

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
 See chapter 8.2.2
 Contaminated surfaces will be extremely slippery.
- 6.2 **Environmental precautions**
 Do not contaminate water. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
 Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
 Pick up and transfer to properly labelled containers.
- 6.4 **Reference to other sections**
 None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
 Avoid contact with skin and eyes. Take off all contaminated clothing immediately.
 When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
 Normal measures for preventive fire protection.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
 Keep containers tightly closed in a cool, well-ventilated place.
- 7.2.2 **Store away from:**
 Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
 Keep at temperatures between 10 and 25°C.
- 7.3 **Specific end use(s)**
 n.av.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**
- | Material | Limit Value |
|-----------------------------------|--|
| Lanolin | TLV dust: 10 mg/m ³ (respirable fraction); 3 mg/m ³ (alveole passing fraction) |
| Isotridecanoethoxylate (2 - 5 EO) | TLV dust: 10 mg/m ³ (respirable fraction); 3 mg/m ³ (alveole passing fraction) |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**
 Provide appropriate exhaust ventilation at machinery.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** not required under normal use
- 8.2.2b **Hand Protection:** Protective gloves complying with EN 374. butyl-rubber Break through time > 8h.
 The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
 Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- 8.2.2c **Eye Protection:** tightly fitting safety goggles
- 8.2.2d **Skin Protection:** protective suit
- 8.2.2e **Further Information:** Observe wearing time limits:
- 8.2.3 **Environmental exposure controls:**
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

9.1.1	Form: liquid	Colour: white	Odour: characteristic
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	5,0 – 7,5	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	> 100	
	Melting point / Melting range (°C):	n.av.	
9.1.4	Flash point (°C):	> 100, closed cup	
9.1.5	Flammability (EEC A10/A13):	n.ap.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	No.	
9.1.8	Oxidising properties:	No.	
9.1.9	Explosion hazard:	No.	
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.ap.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	1,055	
9.1.13	Solubility (in Water):	completely miscible	
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.av.	
9.1.16	Solvent content (m %):	Not relevant	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	Other information		
	n.av.		

SECTION 10: Stability and reactivity

10.1	Reactivity
	None.
10.2	Chemical stability
	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions
	No dangerous reaction known under conditions of normal use.
10.4	Conditions to avoid
	No conditions to be specially mentioned.
10.5	Incompatible materials
	Incompatible with oxidizing agents.
10.6	Hazardous decomposition products
	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation:	n.av.
Ingestion:	ATEmix: 1691 mg/Kg
Skin Contact:	n.av.
Skin corrosion / irritation:	n.av.
Serious eye damage / irritation:	Causes serious eye damage.
Respiratory or skin sensitisation:	n.av.
Germ cell mutagenicity:	n.av.
Carcinogenicity:	n.av.
Reproductive toxicity:	n.av.
STOT-single exposure:	n. av.
STOT-repeated exposure:	n. av.
Aspiration hazard:	n. av.

11.1.1 – Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

We have no quantitative data concerning the ecological effects of this product.

12.2 Persistence and degradability

No data is available on the product itself. Contained tenside is more than 60% biodegradable.

12.3 Bioaccumulative potential

n.av.

12.4 Mobility in soil

n.ap.

12.5 Results of PBT and vPvB assessment

This mixture contains no substances which are assessed to be PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD-Value, mg/g:	n.av.
12.6.2 BOD5-Value, mg/g:	n.av.
12.6.3 AOX-Remarks:	Not applicable.
12.6.4 Significant Components:	None.
12.6.5 Other adverse effects:	Not applicable.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: Waste - Code - No.: 20 01 29 (VeVA/OMoD)
 The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.
 Handle in accordance with good industrial hygiene and safety practice.

13.2.2 Safe Handling: As described under Residues.
 Handle in accordance with good industrial hygiene and safety practice.

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SECTION 14: Transport information

	ADR Not a dangerous substance as defined in the above regulations.	IMDG Not a dangerous substance as defined in the above regulations.	IATA Not a dangerous substance as defined in the above regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		
		n.av.	

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
A chemical safety assessment has not been carried out.

SECTION 16: Other information

Text of H phrases mentioned in Section 3

H302: Harmful if swallowed.
 H318: Causes serious eye damage.

This datasheet has been compiled in accordance with EU regulation 2015/830.
 The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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