

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 12.12.2016

Version number 3

Revision: 12.12.2016

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

- **Creation date / First edition:** 08.07.2016
- **1.1 Product identifier**
- **Trade name** PRETREATcleaner
- **Article number:** 106269eng
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
CVH Chemie Vertrieb GmbH & Co Hannover KG  
Podbielskistraße 22  
30163 Hannover  
Telefon: 0511 / 96535-0
- 
- CVH Chemie Vertrieb GmbH & Co Hannover KG  
Niederlassung Hamburg  
Telefon: 040 / 733603-0
- 
- CVM Chemie-Vertrieb Magdeburg GmbH & Co KG  
Telefon: 03 91 / 50 86 200
- 
- CVB Albert Carl GmbH & Co KG  
Telefon: 030 / 6289320
- **Informing department:**  
Produkt safety department: Phone : 0049 (0)511/965 35-127, Fax: -249  
Safety data sheet: : Petra.Rother@cvh.de
- **1.4 Emergency telephone number:**  
From 8.00am to 4.00pm contact CVH.  
At other times: Contact next hospital.

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**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.
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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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

- **3.2 Mixtures**
- **Description:** Mixture of the substances listed below in harmless combinations (aqueous solution).

- **Dangerous components:**

CAS: 34590-94-8	(2-methoxymethylethoxy)propanol	10-25%
EINECS: 252-104-2	substance with a Community workplace exposure limit	
Reg.nr.: 01-2119450011-60		

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

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**SECTION 4: First aid measures****- 4.1 Description of first aid measures****- General information** No special measures required.**- After inhaling** Supply fresh air.**- After skin contact** Wash immediately with water.**- After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

Protect the un-injured eye.

Remove contact lenses

**- After swallowing** Seek immediate medical advice.**- 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.

**SECTION 5: Firefighting measures****- 5.1 Extinguishing media****- Suitable extinguishing agents**

The product itself is not flammable.

Use extinguishing measures that are suitable for the surroundings.

**- 5.2 Special hazards arising from the substance or mixture**

Combustion gases of organic substances are considered respiratory poisons

**- 5.3 Advice for firefighters** No special measures required.**- Protective equipment:** Breathing protection according to the scale of the fire.**SECTION 6: Accidental release measures****- 6.1 Personal precautions, protective equipment and emergency procedures** Not required.**- 6.2 Environmental precautions:** Prevent material from reaching sewage system, holes and cellars.**- 6.3 Methods and material for containment and cleaning up:**

Use a liquid-binding material and dispose of according to regulations.

**- 6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

**SECTION 7: Handling and storage****- 7.1 Precautions for safe handling**

Avoid contact with eyes and skin.

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

**- Information about protection against explosions and fires:** General rules for preventive fire protection observed.**- 7.2 Conditions for safe storage, including any incompatibilities****- Storage****- Requirements to be met by storerooms and containers:** Laws and regulations regarding water hazard class apply.**- Information about storage in one common storage facility:** Not necessary.**- Further information about storage conditions:** None.**- Storage class** LGK 12 ( Germany TRGS 510)**- 7.3 Specific end use(s)** No further relevant information available.

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**SECTION 8: Exposure controls/personal protection****- 8.1 Control parameters****- Components with critical values that require monitoring at the workplace:****34590-94-8 (2-methoxymethylethoxy)propanol**

WEL	Long-term value: 308 mg/m <sup>3</sup> , 50 ppm
Sk	

**- 8.2 Exposure controls****- Personal protective equipment****- General protective and hygienic measures** Wash hands during breaks and at the end of the work.**- Breathing equipment:**

If the concentrations in the air exceed the guidelines despite technical precautions, then either use an extraction system or wear breathing protection.

Use breathing protection if aerosol or haze formation occurs.

**- Protection of hands:** Not required.**- Material of gloves** Butyl rubber, BR**- Penetration time of glove material**

The exact penetration time which should be observed can be given by the glove manufacturer.

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**- Eye protection:** Protective goggles recommended during refilling.**- Body protection:**

Protective work clothing.

Body protection must be chosen by activity and exposure

**SECTION 9: Physical and chemical properties****- 9.1 Information on basic physical and chemical properties****- General Information****- Appearance:****Form:** Fluid**Colour:** Colourless**- Smell:** Characteristic**- Odour threshold:** Not determined.**- pH-value:** Not determined.**- Melting point/Melting range:** Not determined**- Boiling point/Boiling range:** 100 °C**- Flash point:** Not applicable**- Inflammability (solid, gaseous)** Not applicable.**- Ignition temperature:** 270 °C**- Decomposition temperature:** Not determined.**- Self-inflammability:** Product is not self-igniting.**- Danger of explosion:** Product is not explosive.**- Critical values for explosion:****Lower:** 1.1 Vol % (f. DPM)**Upper:** 14.0 Vol % (f. DPM)**- Steam pressure at 20 °C:** 23 hPa**- Density at 20 °C** 0.99 g/cm<sup>3</sup>**- Relative density** Not determined.**- Vapour density** Not determined.**- Evaporation rate** Not determined.

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- <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix
- <b>Segregation coefficient (n-octanole/water):</b>	Not determined.
- <b>Viscosity:</b>	
<b>dynamic:</b>	Not determined.
<b>kinematic:</b>	Not determined.
- <b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
No dangerous decomposition products known if used according to the specifications.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**  
The product is easily biodegradable.  
The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
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.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation** According to the local official regulations.

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**- European waste catalogue**

The waste disposal key numbers are organized according to branch and process classification in the European waste catalogue.

**- Uncleaned packagings:****- Recommendation:**

Disposal must be made according to official regulations.

The packaging can be fed after complete emptying and cleaning a reprocessing.

**- Recommended cleaning agent:** Water.**SECTION 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 Marpol and the IBC Code	Not applicable.
- Transport/Additional information:	Not classified as dangerous goods in accordance with the present regulations.
- UN "Model Regulation":	Void

**SECTION 15: Regulatory information****- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****- Australian Inventory of Chemical Substances****- National regulations****- Technical instructions (air):**

Class	Share in %
NK	19.1

**- 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.**SECTION 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.

**- Department issuing data specification sheet:** Quality protection department.**- \* Data compared to the previous version altered.**