

## Safety Data Sheet

acc. to OSHA HCS



Printing date 04/24/2018

Reviewed on 04/24/2018

**1 Identification**

- **Product identifier**
- **Trade name:** *Schutz Cleaner (Dr. Schutz PU Cleaner (2018))*
- **Application of the substance / the mixture** Cleaning material/ Detergent
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Supplier:  
Dr. Schutz GmbH  
Holbeinstraße 17  
D-53175 Bonn  
Tel: +49 228/95 35 2-0  
Fax: +49 228/95 35 2-46  
E-Mail: export@dr-schutz.com
- **Import:**  
Dr. Schutz NA  
4701 Bath St. 46  
Philadelphia PA 19137  
Tel.: 001/877 2724889  
E-Mail: sam@schutzna.com
- **Information department:** Department for product development
- **Emergency telephone number:**  
Dr. Schutz NA,  
Tel.: 001/877 2724889  
Mo-Fr 8am - 7pm

**2 Hazard(s) identification**

- **Classification of the substance or mixture**  
The product is not classified according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **NFPA ratings (scale 0 - 4)**  
 Health = 0  
Fire = 0  
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**  
 Health = \*0  
Fire = 0  
Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/information on ingredients**

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

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· **Dangerous components:**

102-71-6 | 2,2',2''-nitrioltriethanol

≤0.1%

**4 First-aid measures**· **Description of first aid measures**· **General information:**

Immediately remove any clothing soiled by the product.

No special measures required.

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:** Generally the product does not irritate the skin.· **After eye contact:**

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

· **After swallowing:** Rinse out mouth and then drink plenty of water.· **Information for doctor:**· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**5 Fire-fighting measures**· **Extinguishing media**· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.· **For safety reasons unsuitable extinguishing agents:** Not applicable.· **Special hazards arising from the substance or mixture** No further relevant information available.· **Advice for firefighters**· **Protective equipment:** No special measures required.· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**6 Accidental release measures**· **Personal precautions, protective equipment and emergency procedures** Not required.· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.· **Methods and material for containment and cleaning up:**

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

· **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 disposal information.

· **Protective Action Criteria for Chemicals**· **PAC-1:**

577-11-7	docusate sodium	5.7 mg/m <sup>3</sup>
102-71-6	2,2',2''-nitrioltriethanol	15 mg/m <sup>3</sup>
64-17-5	ethanol	1,800 ppm
5989-27-5	d-limonene	15 ppm
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	0.6 mg/m <sup>3</sup>
111-30-8	glutaral	0.2 ppm

· **PAC-2:**

577-11-7	docusate sodium	63 mg/m <sup>3</sup>
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102-71-6	2,2',2''-nitrilotriethanol	240 mg/m <sup>3</sup>
64-17-5	ethanol	3300* ppm
5989-27-5	d-limonene	67 ppm
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	6.6 mg/m <sup>3</sup>
111-30-8	glutaral	1 ppm

· **PAC-3:**

577-11-7	docusate sodium	380 mg/m <sup>3</sup>
102-71-6	2,2',2''-nitrilotriethanol	1,500 mg/m <sup>3</sup>
64-17-5	ethanol	15000* ppm
5989-27-5	d-limonene	170 ppm
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	40 mg/m <sup>3</sup>
111-30-8	glutaral	5 ppm

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store receptacle in a well ventilated area.
- **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.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

<b>102-71-6 2,2',2''-nitrilotriethanol</b>
TLV   Long-term value: 5 mg/m <sup>3</sup>

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Not required.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** Light weight protective clothing

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Color:	Colorless
Odor:	Fruit-like
Odor threshold:	Not determined.

- **pH-value at 20°C (68°F):** 9,5

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100°C (212°F)

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapor pressure at 20°C (68°F):** 23 hPa (17.3 mm Hg)

- **Density at 20°C (68°F):** 1,003 g/cm<sup>3</sup> (8.37 lbs/gal)

- **Relative density** Not determined.

- **Vapor density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic:	Not determined.
Kinematic at 20°C (68°F):	15 s (ISO 3 mm)

- **Solvent content:**

Organic solvents:	0,1 %
VOC content ASTM D3960:	0,11 %
	1.1 g/l / 0.01 lb/gl

- **Other information** No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** see section "Possibility of hazardous reactions".

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- **Chemical stability** No information available.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to internally approved calculation methods for preparations:  
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.
- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

102-71-6	2,2',2''-nitrioltriethanol	3
64-17-5	ethanol	1
5989-27-5	d-limonene	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **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 to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

· UN-Number	
· DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name	
· DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

## · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

## · Section 313 (Specific toxic chemical listings):

52-51-7 | bronopol (INN)

## · TSCA (Toxic Substances Control Act):

	Akzo Berol 185 / C 10-16 EO/PO without further labeling
91844-53-0	Sorbitansesquioctanoat
68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated
577-11-7	docusate sodium
68891-38-3	Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts
102-71-6	2,2',2''-nitrilotriethanol
64-17-5	ethanol
52-51-7	bronopol (INN)
5989-27-5	d-limonene
78-70-6	Linalool
106-24-1	Geraniol
106-22-9	Citronellol
5392-40-5	citral
470-82-6	1,8-epoxy-p-menthane
2705-87-5	Allyl cyclohexylpropionate
24720-09-0	trans-alpha-Damascone

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26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one
2682-20-4	2-methyl-2H-isothiazol-3-one
111-30-8	glutaral
7732-18-5	water, distilled, conductivity or of similar purity

- TSCA new (21st Century Act) (Substances not listed)
- Proposition 65

## • Chemicals known to cause cancer:

None of the ingredients is listed.

## • Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

## • Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

## • Chemicals known to cause developmental toxicity:

64-17-5 | ethanol

## • Cancerogenity categories

## • EPA (Environmental Protection Agency)

None of the ingredients is listed.

## • TLV (Threshold Limit Value established by ACGIH)

64-17-5	ethanol	A3
111-30-8	glutaral	A4

## • NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

• Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: Department for product development
- Contact: Dr. Reindl
- Date of preparation / last revision 04/24/2018 / 3
- 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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

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PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit

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