

Safety Data Sheet

acc. to OSHA HCS



Printing date 09/18/2025

Reviewed on 02/07/2024

1 Identification

- **Product identifier**
- **Trade name:** *Schutz Stripper (Clean&Strip)*
- **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:**
 Schutz NA LLC
 219 Monroe Street
 Suite P
 19464 Stowe, Pennsylvania
 USA
 Tel.: +1 (877) 272-4889
 Mobile: +1 610-310-2412
 E-Mail: sam@dr-schutz.us
 Web: www.schutzna.com
- **Information department:** Department for product development
- **Emergency telephone number:**
 Dr. Schutz NA,
 Contact: Sam Jamison
 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** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable
- **Information pertaining to particular dangers for man and environment:**
- **NFPA ratings (scale 0 - 4)**

 Health = 0
 Fire = 1
 Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**

 Health = 0
 Fire = 1
 Reactivity = 0

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

3 Composition/information on ingredients

- **Identification number(s)** 5NP0-Q0Q2-Q00Q-HWXD
- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

102-71-6	Triethanolamine	5-10%
112-34-5	2-(2-butoxyethoxy)ethanol	≥5-<10%
15763-76-5	sodium p-cumenesulphonate	1-5%
68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated	1-5%

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:** Nicht anwendbar
- **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.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Dilute with plenty of water.
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:**

102-71-6	Triethanolamine	15 mg/m ³
112-34-5	2-(2-butoxyethoxy)ethanol	200 mg/m ³
5989-27-5	d-limonene	15 ppm
111-42-2	2,2'-iminodiethanol	3 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	360 mg/m ³

· **PAC-2:**

102-71-6	Triethanolamine	240 mg/m ³
112-34-5	2-(2-butoxyethoxy)ethanol	220 mg/m ³
5989-27-5	d-limonene	67 ppm
111-42-2	2,2'-iminodiethanol	28 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	530 mg/m ³

· **PAC-3:**

102-71-6	Triethanolamine	1,500 mg/m ³
112-34-5	2-(2-butoxyethoxy)ethanol	1300 mg/m ³
5989-27-5	d-limonene	170 ppm
111-42-2	2,2'-iminodiethanol	130 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	1600 mg/m ³

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.

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8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

102-71-6 Triethanolamine	
TLV	Long-term value: 5 mg/m ³
112-34-5 2-(2-butoxyethoxy)ethanol	
TLV	Long-term value: 67.5* mg/m ³ , 10* ppm *Inhalable fraction and vapor

- **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.
- **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:	Mild
Odor threshold:	Not determined.
- **pH-value at 20°C (68°F):** 10

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· Change in condition Melting point/Melting range: Boiling point/Boiling range:	Undetermined. 100°C (212°F)
· Flash point:	>100°C (>212°F) (Seta Flash Closed Cup)
· Flammability:	Not applicable.
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits: Lower: Upper:	Not determined. Not determined.
· Vapor pressure at 20°C (68°F):	23 hPa (17.3 mm Hg)
· Density at 20°C (68°F): · Relative density · Vapor density · Evaporation rate	1.036 g/cm ³ (8.645 lbs/gal) Not determined. Not determined. Not determined.
· Solubility in / Miscibility with Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity: Dynamic: Kinematic at 20°C (68°F):	Not determined. 20 s (ISO 3 mm)
· Solvent content: Organic solvents: VOC content ASTM D3960:	6.1 % 6.08 % 63.0 g/l / 0.53 lb/gal
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** siehe Abschnitt "Möglichkeit gefährlicher Reaktionen"
- **Chemical stability** keine Angaben
- **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.

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11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

112-34-5 2-(2-butoxyethoxy)ethanol

Oral	LD50	3,305 mg/kg (rat)
Dermal	LD50	2,764 mg/kg (rabbit)

Dermal	LD50	2,764 mg/kg (rabbit)
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15763-76-5 sodium p-cumenesulphonate

Oral	LD50	>2,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>5 mg/l (rat)

Dermal	LD50	>2,000 mg/kg (rabbit)
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Inhalative	LC50/4h	>5 mg/l (rat)
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68154-97-2 fatty alcohol, C10-12, ethoxylated, propoxylated

Oral	LD50	>2,000 mg/kg (rat)
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· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **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	Triethanolamine	3
5989-27-5	d-limonene	3
111-42-2	2,2'-iminodiethanol	2B

· **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:**

112-34-5 2-(2-butoxyethoxy)ethanol

EC50/48h (static)	>100 mg/l (Daphnia magna)
LC50/96h (static)	>100 mg/l (alga)
	1,300 mg/l (fish)

LC50/96h (static)	>100 mg/l (alga)
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	1,300 mg/l (fish)
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15763-76-5 sodium p-cumenesulphonate

EC50/48h (static)	>100 mg/l (Daphnia magna)
LC50/96h (static)	>100 mg/l (Oncorhynchus mykiss (Rainbow trout))
EC50/96h (static)	>100 mg/l (green alga)

68154-97-2 fatty alcohol, C10-12, ethoxylated, propoxylated

EC50/48h	1-10 mg/l (Daphnia magna)
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- **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** Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADR, ADN, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, ADR, ADN, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Not applicable |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | Not applicable |
| · 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. |

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· **UN "Model Regulation":** Not applicable

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

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

112-34-5 | 2-(2-butoxyethoxy)ethanol

111-42-2 | 2,2'-iminodiethanol

· **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
102-71-6	Triethanolamine	ACTIVE
112-34-5	2-(2-butoxyethoxy)ethanol	ACTIVE
164462-16-2	Alanine, N,N-bis(carboxymethyl)-, sodium salt	ACTIVE
68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated	ACTIVE
5989-27-5	d-limonene	ACTIVE
5392-40-5	citral	ACTIVE
111-42-2	2,2'-iminodiethanol	ACTIVE
80-56-8	alpha-Pinene	ACTIVE
470-82-6	eucalyptol	ACTIVE
586-62-9	terpinolene	ACTIVE
78-70-6	Linalool	ACTIVE
110-41-8	2-methylundecanal	ACTIVE
106-24-1	geraniol	ACTIVE
106-23-0	citronellal	ACTIVE
106-22-9	dl-Citronellol	ACTIVE
541-02-6	2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane	ACTIVE
556-67-2	octamethylcyclotetrasiloxane	ACTIVE

· **Hazardous Air Pollutants**

111-42-2 | 2,2'-iminodiethanol

· **Proposition 65**

· **Chemicals known to cause cancer:**

111-42-2 | 2,2'-iminodiethanol

· **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.

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· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value)**

111-42-2	2,2'-iminodiethanol	A3
80-56-8	alpha-Pinene	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements** Not applicable
- **Hazard pictograms** Not applicable
- **Signal word** Not applicable
- **Hazard statements** Not applicable
- **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:**

· **Date of preparation / last revision** 09/18/2025 / 25

· **Abbreviations and acronyms:**

- ADR: Accord relatif au transport international 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
- 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)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- 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
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit