

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/18/2026

Reviewed on 06/18/2026

1 Identification

- **Product identifier**
- **Trade name:** *Dr. Schutz Concentrated Carpet Cleaner*
- **Application of the substance / the mixture** Spray extraction cleaner
- **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 = 0
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *0
Fire = 0
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

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

- **Dangerous components:**

68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated	1-5%
102-71-6	Triethanolamine	0.1-1%

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:** No special measures required.
- **After skin contact:** After each cleaning use treatment creams, for very dry skin greasy ointments.
- **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.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Avoid contact with the eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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· **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
1312-76-1	Kaliumsilikat	30 mg/m ³
111-42-2	2,2'-iminodiethanol	3.0 mg/m ³
5989-27-5	d-limonene	15 ppm
556-67-2	octamethylcyclotetrasiloxane	360 ppm
91-64-5	Coumarin	0.88 mg/m ³
120-51-4	Benzyl benzoate	5.1 mg/m ³

· **PAC-2:**

102-71-6	Triethanolamine	240 mg/m ³
1312-76-1	Kaliumsilikat	330 mg/m ³
111-42-2	2,2'-iminodiethanol	22 mg/m ³
5989-27-5	d-limonene	67 ppm
556-67-2	octamethylcyclotetrasiloxane	530 ppm
91-64-5	Coumarin	9.7 mg/m ³
120-51-4	Benzyl benzoate	56 mg/m ³

· **PAC-3:**

102-71-6	Triethanolamine	1500 mg/m ³
1312-76-1	Kaliumsilikat	2000 mg/m ³
111-42-2	2,2'-iminodiethanol	130 mg/m ³
5989-27-5	d-limonene	170 ppm
556-67-2	octamethylcyclotetrasiloxane	1600 ppm
91-64-5	Coumarin	58 mg/m ³
120-51-4	Benzyl benzoate	340 mg/m ³

7 Handling and storage

· **Handling:**

· **Precautions for safe handling**

Follow instructions on the label and in the Technical Product Information Sheet.

Avoid contact with the eyes.

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:** Store only in the original receptacle.

· **Information about storage in one common storage facility:** Not required

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- **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 section 7.

- **Control parameters**

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

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

102-71-6 Triethanolamine
TLV Long-term value: 5 mg/m ³

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

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Be sure to clean skin thoroughly after work and before breaks.

- **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**

Nitrile rubber, NBR

Chloroprene rubber, CR

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:**

Where there is a danger of the eyes coming into contact with splashes of liquid (i.e. when refilling larger quantities), safety goggles according to EN 166 (i.e. goggles with side shields) are recommended.

- **Body protection:**

Not required

Light weight protective clothing

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Fluid
Color:	Yellowish
Odor:	Characteristic
Odor threshold:	Not determined

· pH-value at 20°C (68°F): 7.8

· Change in condition

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

· Flash point: Not applicable

· 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:	Not determined
Upper:	Not determined

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

· Density at 20°C (68°F): 1.027 g/cm³ (8.57 lbs/gal)

· Relative density: Not determined

· Vapor density: Not determined

· Evaporation rate: Not determined

· Solubility in / Miscibility with

Water: Fully miscible.

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

· Viscosity:

Dynamic:	Not determined
Kinematic at 20°C (68°F):	28 s (ISO 3 mm)

· Solvent content:

Organic solvents:	0.0 %
VOC content ASTM D3960:	0.02 %
	0.3 g/l / 0.00 lb/gal

· Other information: No further relevant information available.

10 Stability and reactivity

· **Reactivity** siehe Abschnitt "Möglichkeit gefährlicher Reaktionen"

· **Chemical stability** keine Angaben

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- **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:**

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

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

Oral LD50 >2,000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** Keine Daten verfügbar.
- **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
111-42-2	2,2'-iminodiethanol	2B
5989-27-5	d-limonene	3
91-64-5	Coumarin	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:**

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

EC50/48h 1-10 mg/l (Daphnia magna)

- **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.

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- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|---|----------------|
| <ul style="list-style-type: none"> · UN-Number · DOT, ADR, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT, ADR, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT, ADR, ADN, IMDG, IATA · Class | Not applicable |
| <ul style="list-style-type: none"> · Packing group · DOT, ADR, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · Special precautions for user | Not applicable |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| <ul style="list-style-type: none"> · 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.

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Section 313 (Specific toxic chemical listings):

52-51-7	bronopol (INN)
111-42-2	2,2'-iminodiethanol

TSCA (Toxic Substances Control Act):

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated	ACTIVE
126-92-1	sodium 2-ethylhexyl sulfate	ACTIVE
102-71-6	Triethanolamine	ACTIVE
68784-08-7	Butanedioic acid, sulfo-, C-(2-coco amidoethyl) esters, disodium salts	ACTIVE
164462-16-2	Alanine, N,N-bis(carboxymethyl)-, sodium salt	ACTIVE
69011-36-5	isotridecanol, ethoxylated (3/4/5 EO)	ACTIVE
69011-36-5	Isotridecanol, exthoxylated (<7 - > 15 EO)	ACTIVE
1312-76-1	Kaliumsilikat	ACTIVE
52-51-7	bronopol (INN)	ACTIVE
111-42-2	2,2'-iminodiethanol	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
5989-27-5	d-limonene	ACTIVE
556-67-2	octamethylcyclotetrasiloxane	ACTIVE
91-64-5	Coumarin	ACTIVE
5392-40-5	citral	ACTIVE
120-51-4	Benzyl benzoate	ACTIVE

Hazardous Air Pollutants

111-42-2	2,2'-iminodiethanol
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Proposition 65
Chemicals known to cause cancer:

111-42-2	2,2'-iminodiethanol
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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:

None of the ingredients is listed.

Carcinogeny categories
EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value)

111-42-2	2,2'-iminodiethanol	A3
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NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· **GHS label elements** Not applicable

· **Hazard pictograms** Not applicable

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- **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** 06/18/2026 / -

- **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

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