

Safety data sheet
according to 1907/2006/EC, Article 31, amended by Commission
Regulation (EU) 2020/878

Printing date 18.10.2024

Version number 24 (replaces version 23)

Revision: 07.02.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Identification of the substance/preparation:** *Dr. Schutz Clean&Strip***UFI:** 0X81-HOQM-Y004-EN24**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU21 Consumer uses: Private households / general public / consumers

Application of the substance / the mixture Cleaning material/ Detergent**1.3 Details of the supplier of the safety data sheet****Company/undertaking identification:**

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Germany

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Further information obtainable from: Department for product development**1.4 Emergency telephone number:**

Dr Schutz P.M.C Flooring limited

phone: +353 (0) 87 767 8388

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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.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Not applicable**Hazard pictograms** Not applicable**Signal word** Not applicable**Hazard statements** Not applicable**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 substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44	2-(2-butoxyethoxy)ethanol ⚠ Eye Irrit. 2, H319	≥5-<10%
CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37	sodium p-cumenesulphonate ⚠ Eye Irrit. 2, H319	1-5%
CAS: 68154-97-2	fatty alcohol, C10-12, ethoxylated, propoxylated ⚠ Eye Irrit. 2, H319	1-5%

· Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants, non-ionic surfactants	<5%
perfumes (LIMONENE, Citral)	

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

SECTION 4: First aid measures

· 4.1 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.

· 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:** Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents:** Not applicable.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

· 5.3 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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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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 disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 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.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Exposure limit values:

102-71-6 Triethanolamine

OEL | Long-term value: 5 mg/m³

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

OEL	Short-term value: 101.2 mg/m ³ , 12 ppm
	Long-term value: 67.5 mg/m ³ , 10 ppm
	IOELV

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

· 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Hand protection**

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.

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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/face protection** Goggles recommended during refilling
- **Body protection:** Light weight protective clothing

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
General Information

· Physical state	Fluid
· Colour:	Colourless
· Odour:	Mild
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	100°C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	>100°C (Seta Flash Closed Cup)
· Decomposition temperature:	Not determined.
· pH at 20°C	10
· Viscosity:	
· Kinematic viscosity at 20°C	20 s (ISO 3 mm)
· Dynamic:	Not determined.
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20°C:	23 hPa
· Density and/or relative density	
· Density at 20°C:	1.036 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

9.2 Other information

- **Appearance:**
- **Form:** Fluid

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· **Important information on protection of health and environment, and on safety.**

- | | |
|--------------------------------|---|
| · Ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Solvent content: | |
| · Organic solvents: | 6.1 % |
| · VOC (EC) | 6.1 % |
| · Change in condition | |
| · Evaporation rate | Not determined. |

· **Information with regard to physical hazard classes**

- | | |
|--|----------------|
| · Explosives | Not applicable |
| · Flammable gases | Not applicable |
| · Aerosols | Not applicable |
| · Oxidising gases | Not applicable |
| · Gases under pressure | Not applicable |
| · Flammable liquids | Not applicable |
| · Flammable solids | Not applicable |
| · Self-reactive substances and mixtures | Not applicable |
| · Pyrophoric liquids | Not applicable |
| · Pyrophoric solids | Not applicable |
| · Self-heating substances and mixtures | Not applicable |
| · Substances and mixtures, which emit flammable gases in contact with water | Not applicable |
| · Oxidising liquids | Not applicable |
| · Oxidising solids | Not applicable |
| · Organic peroxides | Not applicable |
| · Corrosive to metals | Not applicable |
| · Desensitised explosives | Not applicable |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** see section "Possibility of hazardous reactions".
- **10.2 Chemical stability** No information available.
- **Conditions to avoid:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **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.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

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

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

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)

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

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

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

541-02-6	2,2,4,4,6,6,8,8,10,10-decamethylcyclopentasiloxane	List II
556-67-2	octamethylcyclotetrasiloxane	List II; III

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

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

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

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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- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (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.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods** Disposal must be made according to official regulations.

- **European waste catalogue**

20 01 29*	detergents containing hazardous substances
07 06 04*	other organic solvents, washing liquids and mother liquors

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

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN number or ID number
· ADR, ADN, IMDG, IATA | Not applicable |
| · 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA | Not applicable |
| · 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | Not applicable |
| · 14.4 Packing group
· ADR, IMDG, IATA | Not applicable |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Not applicable |

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SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 55

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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. This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**

H319 Causes serious eye irritation.

· **Department issuing SDS:** Department for product development

· **Version number of previous version:** 23

· **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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2