

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.06.2021

Version number 18

Revision: 29.03.2021

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

1.1 Product identifier

• **Identification of the substance/preparation:** *Dr. Schutz Floor Mate*

• **1.2 Relevant identified uses of the substance or mixture and uses advised against** Not required.

• Sector of Use

SU21 Consumer uses: Private households / general public / consumers

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

• **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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• **Further information obtainable from:** Department for product development

• 1.4 Emergency telephone number:

Dr. Schutz UK

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0044 (0) 1296 437827 (mon - fri 9am-5pm)

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.

SECTION 3: Composition/information on ingredients

• 3.2 Mixtures

• **Description:** Mixture of substances listed below with nonhazardous additions.

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· **Dangerous components:**

CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	25-50%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	5-10%
CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9 Reg.nr.: 01-2119485845-22	hydrogen peroxide solution ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332 Specific concentration limits: Ox. Liq. 1; H271: C ≥ 70 % Ox. Liq. 2; H272: 50 % ≤ C < 70 % Skin Corr. 1A; H314: C ≥ 70 % Skin Corr. 1B; H314: 50 % ≤ C < 70 % Skin Irrit. 2; H315: 35 % ≤ C < 50 % Eye Dam. 1; H318: C ≥ 8 % Eye Irrit. 2; H319: 5 % ≤ C < 8 % STOT SE 3; C ≥ 35 %	≥1-<5%
CAS: 128-37-0 EINECS: 204-881-4	Butylated hydroxytoluene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.1-<0.25%

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

oxygen-based bleaching agents

<5%

· **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:** No special measures required.· **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:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.· **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.

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Additional information

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

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** 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**
Follow instructions on the label and in the Technical Product Information Sheet.
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:****34590-94-8 Dipropylene glycol monomethyl ether**WEL Long-term value: 308 mg/m³, 50 ppm
Sk**107-98-2 1-methoxy-2-propanol**WEL Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
Sk**7722-84-1 hydrogen peroxide solution**WEL Short-term value: 2.8 mg/m³, 2 ppm
Long-term value: 1.4 mg/m³, 1 ppm**128-37-0 Butylated hydroxytoluene**WEL Long-term value: 10 mg/m³

- **DNELs** No further relevant information available.
- **PNELs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.

8.2 Exposure controls

- **Appropriate engineering controls** No further data; see item 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.

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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.

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

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

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

· Physical state	Fluid
· Colour:	Colourless
· Odour:	Ether-like
· 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:	1.1 Vol %
· Upper:	14 Vol %
· Flash point:	80°C (Seta Flash Closed Cup)
· Auto-ignition temperature:	Product is not selfigniting.
· Decomposition temperature:	Not determined.
· pH at 20°C	2.2
· Viscosity:	
· Kinematic viscosity at 20°C	31 s (ISO 3 mm)
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· 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:	1.016 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: 190°C
- Explosive properties: Product does not present an explosion hazard.
- Solvent content:
- Organic solvents: 74.1 %
- VOC (EC) 74.1 %
- 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**

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

107-98-2 1-methoxy-2-propanol

Oral	LD50	5,200 mg/kg (rat)
Dermal	LD50	14,000 mg/kg (rabbit)
Inhalative	LC50/4h	54.6 mg/l (rat)

7722-84-1 hydrogen peroxide solution

Oral	LD50	694 mg/kg (rat) (OECD 401)
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Dermal	LD50	>2,000 mg/kg (rabbit)
128-37-0 Butylated hydroxytoluene		
Oral	LD50	>6,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
<ul style="list-style-type: none"> · Skin corrosion/irritation No data available. · Serious eye damage/irritation No data available. · 11.2 Information on other hazards 		
<ul style="list-style-type: none"> · Endocrine disrupting properties 		
128-37-0	Butylated hydroxytoluene	List II

SECTION 12: Ecological information

- **12.1 Toxicity**

· Aquatic toxicity:	
107-98-2 1-methoxy-2-propanol	
EC50/48h	23,300 mg/l (Daphnia magna)
7722-84-1 hydrogen peroxide solution	
LC50/96h (static)	16.4 mg/l (fish)
LC50/48h (static)	2.4 ml/l (Daphnia magna)
128-37-0 Butylated hydroxytoluene	
EC50/48h	0.48 mg/l (Daphnia magna) (OECD 202)
EC50/72h	>0.4 mg/l (algae)

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

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, ADN, IMDG, IATA** Not applicable

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<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA 	Not applicable
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class 	Not applicable
<ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA 	Not applicable
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments 	Not applicable.
<ul style="list-style-type: none"> · UN "Model Regulation": 	Not applicable

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.
- **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.

- **Relevant phrases**
 H226 Flammable liquid and vapour.
 H271 May cause fire or explosion; strong oxidiser.
 H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.
 H332 Harmful if inhaled.
 H336 May cause drowsiness or dizziness.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
- **Department issuing SDS:** Department for product development
- **Contact:** Dr. Reindl
- **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)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Ox. Liq. 1: Oxidizing liquids – Category 1

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

GB