



Printing date 06/15/2021

Reviewed on 03/24/2021

1 Identification

- **Product identifier**
- **Trade name:** *Dr. Schutz Medica Hard Sealer*
- **Application of the substance / the mixture** Maintenance product
- **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
8701 Torresdale Ave
Suite P
Philadelphia PA 19136
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 Health = 0
 - FIRE 1 Fire = 1
 - REACTIVITY 0 Reactivity = 0
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Identification number(s)** 2PH0-C0P1-Y001-544N
- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

111-90-0 Diethylene glycol monoethyl ether

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:** No special measures required.
- **After skin contact:**
Rinse with warm water.
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**
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:**
Prevent from spreading (e.g. by damming-in or oil barriers).
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.

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

111-90-0	Diethylene glycol monoethyl ether	75 ppm
78-51-3	tris(2-butoxyethyl) phosphate	9 mg/m ³
1336-21-6	ammonia	61 ppm
140-11-4	benzyl acetate	30 ppm
57-10-3	Palmitic acid	0.19 mg/m ³
67-63-0	propan-2-ol	400 ppm
112-53-8	Lauryl alcohol	12 mg/m ³
107-46-0	hexamethyldisiloxane	13 ppm

· **PAC-2:**

111-90-0	Diethylene glycol monoethyl ether	100 ppm
78-51-3	tris(2-butoxyethyl) phosphate	99 mg/m ³
1336-21-6	ammonia	330 ppm
140-11-4	benzyl acetate	330 ppm
57-10-3	Palmitic acid	2.1 mg/m ³
67-63-0	propan-2-ol	2000* ppm
112-53-8	Lauryl alcohol	140 mg/m ³
107-46-0	hexamethyldisiloxane	140 ppm

· **PAC-3:**

111-90-0	Diethylene glycol monoethyl ether	450 ppm
78-51-3	tris(2-butoxyethyl) phosphate	590 mg/m ³
1336-21-6	ammonia	2,300 ppm
140-11-4	benzyl acetate	2,000 ppm
57-10-3	Palmitic acid	12 mg/m ³
67-63-0	propan-2-ol	12000** ppm
112-53-8	Lauryl alcohol	820 mg/m ³
107-46-0	hexamethyldisiloxane	150 ppm

7 Handling and storage· **Handling:**· **Precautions for safe handling**

Follow instructions on the label and in the Technical Product Information Sheet.
No special measures required.

· **Information about protection against explosions and fires:**

No special precautions are necessary if used correctly.

· **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:** Store away from foodstuffs.

· **Further information about storage conditions:**

Protect from frost.

Store under lock and key and out of the reach of children.

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 item 7.

- **Control parameters**

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

111-90-0 Diethylene glycol monoethyl ether

WEEL	Long-term value: 25 ppm
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- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

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**

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

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

- **Limitation and supervision of exposure into the environment**

Follow instructions for use, dosage and waste disposal.

9 Physical and chemical properties

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

- **General Information**

- **Appearance:**

Form:	Fluid
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Color:	Whitish
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- **Odor:** Fruit-like

- **Odor threshold:** Not determined.

- **pH-value at 20°C (68°F):** 9.2

- **Change in condition**

Melting point/Melting range:	Undetermined.
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Boiling point/Boiling range:	Undetermined.
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· Flash point:	>100°C (>212°F) (Seta Flash Closed Cup)
· Flammability (solid, gaseous):	Undetermined.
· Ignition temperature:	190°C (374°F)
· 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):	1.021 g/cm ³ (8.52 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):	24 s (ISO 3 mm)
· Solvent content:	
Organic solvents:	5.0 %
VOC content ASTM D3960:	5.03 %
	51.4 g/l / 0.43 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:**
Protect from frost.
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No dangerous reactions known.
- **Hazardous decomposition products:** Danger of toxic pyrolysis products.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Keine Daten verfügbar.
- **on the eye:** Keine Daten verfügbar.
- **Sensitization:** No sensitizing effects known.

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- **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)**

140-11-4	benzyl acetate	3
67-63-0	propan-2-ol	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**

Elimination of contained polymers is possible through precipitation or flocculation.

The solvent is biodegradable.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** Undetermined.

- **Mobility in soil** No further relevant information available.

- **Ecotoxic effects:**

- **Behavior in sewage processing plants:**

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.

- **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:** Must be specially treated adhering to official regulations.

- **Uncleaned packagings:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

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14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT, ADR, ADN, IMDG, IATA 	Not applicable
<ul style="list-style-type: none"> · UN proper shipping name · DOT, ADR, ADN, 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.

· Section 313 (Specific toxic chemical listings):

111-90-0	Diethylene glycol monoethyl ether
52-51-7	bronopol (INN)
1336-21-6	ammonia
67-63-0	propan-2-ol

· TSCA (Toxic Substances Control Act):

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
111-90-0	Diethylene glycol monoethyl ether	ACTIVE
78-51-3	tris(2-butoxyethyl) phosphate	ACTIVE
	Polymer without labeling	*
27306-78-1	Poly(oxy-1,2-ethanediyl),a-acetyl-w-[3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propoxy]	ACTIVE
68551-13-3	Alcohols, C12-15, ethoxylated propoxylated	ACTIVE
1071-93-8	adipohydrazide	ACTIVE
110-98-5	Dipropylene glycol	ACTIVE
52-51-7	bronopol (INN)	ACTIVE
1336-21-6	ammonia	ACTIVE
	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-on	ACTIVE
78-69-3	tetrahydrolinalool	ACTIVE
	2,6-Dimethyl-7-octen-2-ol	ACTIVE
61791-26-2	Fettsäureamin, ethoxyliert	ACTIVE

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68920-66-1	Alkohole, C16-C18 und C18 ungesättigt, ethoxiliert	ACTIVE
140-11-4	benzyl acetate	ACTIVE
57-10-3	Palmitic acid	ACTIVE
67-63-0	propan-2-ol	ACTIVE
88-41-5	2-tert-butylcyclohexyl acetate	ACTIVE
112-53-8	Lauryl alcohol	ACTIVE
54830-99-8	Acetoxidydrodicyclopentadiene (Mixture of Isomers)	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
103-95-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	ACTIVE
32388-55-9	Acetyl cedrene	ACTIVE
106-02-5	omega-Pentadecalactone	ACTIVE
65405-77-8	cis-3-Hexenyl salicylate	ACTIVE
2682-20-4	2-methyl-2H-isothiazol-3-one	ACTIVE
107-46-0	hexamethyldisiloxane	ACTIVE

- **Hazardous Air Pollutants**

None of the ingredients is 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:**

None of the ingredients is listed.

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value)**

140-11-4	benzyl acetate	A4
67-63-0	propan-2-ol	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.

- **Training hints** ---

- **Recommended restriction of use** ---

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

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· Contact: Dr. Reindl**· Date of preparation / last revision** 06/15/2021 / 5**· 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)

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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