

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**ONTOP HOSPITAL BRILLIANT**

Revision date: 17.07.2017

Product code: 70307\_CLP

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Professional use of floor care products

**Uses advised against**

No information available.

**1.3. Details of the supplier of the safety data sheet**

Company name:	DR.SCHNELL GmbH & Co. KGaA	
Street:	Taunusstraße 19	
Place:	D-80807 München	
Telephone:	+49/89/350608-0	Telefax: +49/89/350608-47
e-mail:	info@dr-schnell.de	
Contact person:	Josef Feuerstein	Telephone: +49/89/350608-46
e-mail:	sdb@dr-schnell.de	
Internet:	www.dr-schnell.de	
Responsible Department:	Labor	

**1.4. Emergency telephone number:**

Emergency CONTACT (24-Hour-Number) international:  
GBK GmbH +49 (0) 61 32 - 8 44 63

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements****2.3. Other hazards**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
111-90-0	2-(2-Ethoxyethoxy)ethanol	1 - < 5 %
	203-919-7	
	02-2119679655-21	
34590-94-8	Dipropylene glykolmonomethyl ether	1 - < 5 %
	252-104-2	

Full text of H and EUH statements: see section 16.

**Labelling for contents according to Regulation (EC) No 648/2004**

&lt; 5 % anionic surfactants, perfumes, preservation agents (Methylchloroisothiazolinone/methylisothiazolinone).

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**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Never give anything by mouth to an unconscious person or a person with cramps.

**After inhalation**

Move victim out of danger zone. Provide fresh air.

In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

Remove contaminated clothing immediately and dispose off safely.

In case of skin irritation, seek medical treatment.

Unsuitable cleaning agent: Solvent/Thinner.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses, if present and easy to do. Continue rinsing.

In all cases of doubt, or when symptoms persist, seek medical advice.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

Call a physician immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Water spray. / alcohol resistant foam. / Carbon dioxide (CO<sub>2</sub>). / Dry extinguishing powder.

**Unsuitable extinguishing media**

No information available.

**5.2. Special hazards arising from the substance or mixture**

Hazardous combustion products

Oxides of carbon

Phosphorus oxides.

Nitrogen oxides (NO<sub>x</sub>).

Gas/vapours, toxic.

**5.3. Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

In case of fire: Wear self-contained breathing apparatus.

If necessary Full protective suit.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation.

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Avoid contact with eyes and skin.

If necessary Caution, slippery

**6.2. Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers).

Do not allow to enter into surface water or drains.

Leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

In addition to the information contained in this section, relevant information can also be found in sections 8 and 6.1.

**Further information on handling**

Provide adequate ventilation.

Avoid contact with eyes and skin.

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

General hygiene measures for the handling of chemicals are applicable.

Observe instructions for use.

Notice the directions for use on the label.

Keep away from food, drink and animal feedingstuffs.

Contaminated work clothing should not be allowed out of the workplace.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

storage temperature: at room temperature

Protect against: frost.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
34590-94-8	(2-methoxymethylethoxy) propanol	50	308		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation.

This can be achieved by local exhaust ventilation or general ventilation.

When exceeding the occupational exposure limit (OEL): Use appropriate respiratory protection.

Applies only if maximum permissible exposure values are listed here.

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**Protective and hygiene measures**

General hygiene measures for the handling of chemicals are applicable.  
 Wash hands before breaks and after work.  
 Keep away from food, drink and animal feedingstuffs.  
 Contaminated work clothing should not be allowed out of the workplace.

**Eye/face protection**

Recommended  
 Tightly sealed safety glasses. (EN 166)  
 For Danger of splashes.

**Hand protection**

Recommended  
 Protective gloves made of butyl (EN 374)  
 Protective gloves of neoprene (EN 374)  
 Protective gloves of nitrile (EN 374)  
 Hand lotion are recommended.

No tests have been carried out.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.  
 When exceeding the occupational exposure limit (OEL): Filter A (EN 14387), brown  
 Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

**Environmental exposure controls**

No information available.

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

Physical state:	liquid
Colour:	white
Odour:	characteristic
pH-Value:	9

**Changes in the physical state**

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	> 100 °C

**Flammability**

Solid:	not determined
Gas:	not determined

**Explosive properties**

not determined

Lower explosion limits:	not determined
Upper explosion limits:	not determined

**Auto-ignition temperature**

Solid:	not determined
Gas:	not determined

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**Oxidizing properties**

not determined

Vapour pressure:

not determined

Vapour pressure:

not determined

Density:

1,026 g/cm<sup>3</sup>

Bulk density:

not applicable

Water solubility:

miscible.

**Solubility in other solvents**

not determined

Partition coefficient:

not determined

Viscosity / dynamic:

not determined

Viscosity / kinematic:

not determined

Solvent content:

not determined

**9.2. Other information**

Mixability: not determined

Fat solubility (g/l): not determined

Conductivity: not determined

Surface tension: not determined

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Not expected.

**10.2. Chemical stability**

Stable with proper storage and handling.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known.

**10.4. Conditions to avoid**

See also section 7.

No information available.

**10.5. Incompatible materials**

See also section 7.

Avoid contact with strong alkalis.

Avoid contact with strong oxidants

Avoid contact with strong acids.

**10.6. Hazardous decomposition products**

See also section 5.2.

No decomposition when used as directed.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No classification according to calculation methods.

Possibly more information on health effects, see Section 2.1 (classification).

**Acute toxicity**

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
111-90-0	2-(2-Ethoxyethoxy)ethanol				
	oral	LD50 mg/kg	5540	Rat	
	dermal	LD50 mg/kg	5940	Rat	

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

#### **Sensitising effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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.

## SECTION 12: Ecological information

### **12.1. Toxicity**

See section 2.1 (rating) for potentially additional information concerning environmental effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
111-90-0	2-(2-Ethoxyethoxy)ethanol					
	Acute fish toxicity	LC50 mg/l	12900	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute crustacea toxicity	EC50 mg/l	3940	48 h	Daphnia magna	

### **12.2. Persistence and degradability**

No data available

### **12.3. Bioaccumulative potential**

No data available

#### **Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
111-90-0	2-(2-Ethoxyethoxy)ethanol	-0,8

### **12.4. Mobility in soil**

No data available

### **12.5. Results of PBT and vPvB assessment**

No data available

### **12.6. Other adverse effects**

No data available

## SECTION 13: Disposal considerations

### **13.1. Waste treatment methods**

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**Advice on disposal**

Dispose of waste according to applicable legislation.  
For example: designated incinerator  
E.g. dispose at suitable refuse site.

**Waste disposal number of waste from residues/unused products**

070299 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes not otherwise specified

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Dispose of waste according to applicable legislation.  
Completely empty containers  
Contaminated packages must be completely emptied and can be re-used following proper cleaning.  
Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** not applicable  
**14.2. UN proper shipping name:** not applicable  
**14.3. Transport hazard class(es):** not applicable  
**14.4. Packing group:** not applicable

**Inland waterways transport (ADN)**

**14.1. UN number:** not applicable  
**14.2. UN proper shipping name:** not applicable  
**14.3. Transport hazard class(es):** not applicable  
**14.4. Packing group:** not applicable

**Marine transport (IMDG)**

**14.1. UN number:** not applicable  
**14.2. UN proper shipping name:** not applicable  
**14.3. Transport hazard class(es):** not applicable

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** not applicable  
**14.2. UN proper shipping name:** not applicable  
**14.3. Transport hazard class(es):** not applicable

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

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**Additional information**

For classification and labelling, see section 2.

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**SECTION 16: Other information****Changes**

Revised sections: 1, 2, 3, 7, 11, 12, 13, 16

**Abbreviations and acronyms**

vPvB = very persistent very bioaccumulative

PBT = persistent bioaccumulative toxic

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*