

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 1 of 9

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

#### 1.1. Product identifier

GLASFEE

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### Use of the substance/mixture

Cleaning work

##### Uses advised against

No information available.

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

Company name:	DR.SCHNELL Chemie GmbH	
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

Classification according to directive 67/548/EEC or 1999/45/EC: The preparation is not dangerous in the sense of Directive 1999/45/EC.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

##### Additional advice on labelling

Labelling (67/548/EEC or 1999/45/EC): Omitted

#### 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 2 of 9

### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
111-76-2	2-butoxyethanol			1 - < 5 %
	203-905-0	603-014-00-0	01-2119475108-36	
	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H302 H312 H332 H315 H319			
67-63-0	propan-2-ol			1 - < 5 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

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

### Further Information

Regulation (EC) No. 648/2004 (Detergents regulation)  
perfumes

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Move victim out of danger zone.  
Provide fresh air.

#### 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.

#### 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

Call a physician in any case! To be accompanied by MSDS.

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

If applicable, delayed symptoms and effects can be found in section 11, i.e. under section 4.1 for absorption methods.

It can take hours before symptoms of poisoning show up following exposure.

### 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

alcohol resistant foam. / Water spray.

#### Unsuitable extinguishing media

High power water jet.

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

Hazardous combustion products  
Decomposition compounds  
Nitrogen oxides (NOx).

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 3 of 9

### **5.3. Advice for firefighters**

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**

Avoid contact with eyes.  
Avoid breathing dust/fume/gas/mist/vapours/spray.

### **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.

### **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.  
Can be diluted with water  
Flush residue with plenty of water.

### **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**

Keep away from sources of ignition - No smoking.  
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.  
See section 10.

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

No information available.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 4 of 9

### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

### Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	butoxyacetic acid	240 mmol/mol	urine	Post shift

## 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.

### 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

rubber gloves. (EN 374)

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

When exceeding the occupational exposure limit (OEL): Filter A (EN 14387), brown

### 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:	blue
Odour:	characteristic

### Test method

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 5 of 9

pH-Value: 10

**Changes in the physical state**

Melting point: not determined

Initial boiling point and boiling range: &gt; 95 °C

Flash point: 58 °C

Sustaining combustion: Not sustaining combustion

**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

**Oxidizing properties**

not determined

Vapour pressure: not determined

Vapour pressure: not determined

Density: 0,992 g/cm<sup>3</sup>

Bulk density: not determined

Water solubility: easily soluble., 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**

See also Subsection 10.2 to 10.6.

The product has not been tested.

**10.2. Chemical stability**

See also Subsection 10.1 to 10.6.

**10.3. Possibility of hazardous reactions**

See also Subsection 10.1 to 10.6.

**10.4. Conditions to avoid**

See also section 7.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 6 of 9

Heat, open flames, ignition sources

#### **10.5. Incompatible materials**

Avoid contact with strong oxidants  
Avoid contact with other chemicals.

#### **10.6. Hazardous decomposition products**

See also Subsection 10.1 to 10.5.  
See also section 5.2.

## SECTION 11: Toxicological information

### **11.1. Information on toxicological effects**

#### **Toxicokinetics, metabolism and distribution**

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

#### **Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
111-76-2	2-butoxyethanol				
	oral	LD50 mg/kg	560	Rat	
	dermal	LD50 mg/kg	>2000	Guinea-pig.	
	inhalative vapour	ATE	11 mg/l		
	inhalative aerosol	ATE	1,5 mg/l		
67-63-0	propan-2-ol				
	oral	LD50 mg/kg	5280	Rat	
	dermal	LD50 mg/kg	12800	Rabbit	
	inhalative (4 h) vapour	LC50	30 mg/l	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.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 7 of 9

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
111-76-2	2-butoxyethanol					
	Acute fish toxicity	LC50 mg/l	1490	96 h	Lepomis macrochirus (Bluegill)	
	Acute algae toxicity	ErC50 mg/l	900	72 h	Scenedesmus quadricauda	
	Acute crustacea toxicity	EC50 mg/l	1550	48 h	Daphnia magna	
67-63-0	propan-2-ol					
	Acute fish toxicity	LC50 mg/l	9640	96 h	Pimephales promelas	
	Acute algae toxicity	ErC50 mg/l	>1000	72 h	Scenedesmus subspicatus	
	Acute crustacea toxicity	EC50 mg/l	13299	48 h	Daphnia magna	

### 12.2. Persistence and degradability

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3. Bioaccumulative potential

No data available

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
111-76-2	2-butoxyethanol	0,81 (25°C)

### 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

#### Advice on disposal

Dispose of waste according to applicable legislation.  
For example: designated incinerator

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

070199 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; wastes not otherwise specified

#### Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; 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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### GLASFEE

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 8 of 9

#### Contaminated packaging

Dispose of waste according to applicable legislation.  
Dispose using dual system.

### 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

2010/75/EU (VOC): 7,498 %  
 2004/42/EC (VOC): 7,498 %

##### Additional information

For classification and labelling, see section 2.  
 Observe Chemical Ordinance, ChemO  
 Observe Chemical Risk Reduction Ordinance, ORRChem  
 Observe Air Quality Control regulation

##### National regulatory information

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

### SECTION 16: Other information

#### Changes



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**GLASFEE**

Revision date: 09.03.2017

Product code: 70095\_CLP

Page 9 of 9

Revised sections: 7, 16

**Abbreviations and acronyms**

vPvB = very persistent very bioaccumulative

PBT = persistent bioaccumulative toxic

**Relevant H and EUH statements (number and full text)**

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
EUH210	Safety data sheet available on request.

**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.

---

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