

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 1 of 11

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

#### 1.1. Product identifier

GLASAN

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

##### Use of the substance/mixture

Cleaning agent, alkaline

##### 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

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

Hazard categories:

Skin corrosion/irritation: Skin Corr. 1A

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes severe skin burns and eye damage.

#### 2.2. Label elements

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

##### Hazard components for labelling

Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
sodium hydroxide

Signal word: Danger

Pictograms:



##### Hazard statements

H314 Causes severe skin burns and eye damage.

##### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 2 of 11

P310 Immediately call a POISON CENTER/doctor.

### 2.3. Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB. High pH value can damage water.

## 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]			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			5 - < 10 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
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			
1310-73-2	sodium hydroxide			1 - < 5 %
	215-185-5	011-002-00-6	01-2119457892-27	
	Skin Corr. 1A; H314			

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

#### Further Information

Regulation (EC) No. 648/2004 (Detergents regulation)  
 5 % - <15 % anionic surfactants  
 <5% phosphonates  
 perfumes, limonene

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### 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, take off immediately all contaminated clothing, and wash immediately with plenty of water. 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.  
 Call a physician immediately. To be accompanied by MSDS.  
 Protect uninjured eye. Consult an ophthalmologist.

#### 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

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.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 3 of 11

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

No special measures are necessary.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Water spray. / alcohol resistant foam.

#### **Unsuitable extinguishing media**

High power water jet.

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

Hazardous combustion products

Oxides of carbon

Sulfur oxides.

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

Phosphorus oxides.

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.

Alkali-resistant protective clothing (EN 13034)

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.

Avoid contact with eyes and skin.

Avoid breathing dust/fume/gas/mist/vapours/spray.

If necessary Caution, slippery

### 6.2. Environmental precautions

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

Stop leak if safe to do so.

Prevent surface and ground-water infiltration, as well as ground penetration.

### 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**

Provide adequate ventilation.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 4 of 11

Avoid contact with eyes and skin.  
 When using do not eat, drink or smoke.  
 Observe instructions for use.  
 Notice the directions for use on the label.  
 Working methods should be applied according to operating instructions.  
 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.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Store in a place accessible by authorized persons only.  
 Store product closed and only in original packing.  
 Do not use materials not resistant to alkali.  
 storage temperature: at room temperature

### 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
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	-		TWA (8 h)	WEL
		-	2		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.

#### 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

Tightly sealed safety glasses. (EN 166)  
 If necessary Wear face protection. (EN 166)

#### Hand protection

Protective gloves made of natural latex (EN 374), Permeation time (penetration time) in minutes: 480  
 Protective gloves of nitrile (EN 374), Permeation time (penetration time) in minutes: 480  
 Recommendation: Manufacturer: KCL GmbH, D-36124 Eichenzell, E-mail: vertrieb@kcl.de  
 Specification No.: 706 Lapren, 730 Camatril Velours  
 Hand lotion are recommended.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**GLASAN**

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 5 of 11

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**

Alkali-resistant protective clothing (EN 13034)

**Respiratory protection**

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:	yellow
Odour:	characteristic

**Test method**

pH-Value:	13,6
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**Changes in the physical state**

Melting point:	not determined
Initial boiling point and boiling range:	95 °C
Flash point:	42 °C
Sustaining combustion:	Not sustaining combustion

**Flammability**

Solid:	not determined
Gas:	not determined

**Explosive properties**

The product is not: Explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined

**Auto-ignition temperature**

Solid:	not determined
Gas:	not determined

**Oxidizing properties**

not determined

Vapour pressure:	not determined
Vapour pressure:	not determined
Density:	1,028 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

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 6 of 11

Viscosity / kinematic:	not determined
Vapour density:	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**

The product has not been tested.

### **10.2. Chemical stability**

Stable with proper storage and handling.

### **10.3. Possibility of hazardous reactions**

Contact with strong acids leads to strong reaction and heat production

### **10.4. Conditions to avoid**

See also section 7.  
No information available.

### **10.5. Incompatible materials**

Avoid contact with strong acids.  
Possibly extensive generation of hydrogen on contact with amphoteric metals (e.g. aluminium, lead, zinc) (explosive hazard!).  
Avoid contact with materials that are not alkali resistant.

### **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**

Possibly more information on health effects, see Section 2.1 (classification).  
Die Einstufung wurde nach dem Berechnungsverfahren der Zubereitungsrichtlinie (1999/45/EG) vorgenommen.

#### **Acute toxicity**

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 7 of 11

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		
67-63-0	propan-2-ol				
	oral	LD50 5280 mg/kg	Rat		
	dermal	LD50 12800 mg/kg	Rabbit		
	inhalative (4 h) vapour	LC50 30 mg/l	Rat		
1310-73-2	sodium hydroxide				
	oral	LD50 2000 mg/kg	Rat		

#### Irritation and corrosivity

Causes severe skin burns and eye damage.

#### 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

### GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 8 of 11

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts					
	Acute fish toxicity	LC50 > 1-10 mg/l	96 h	Brachydanio rerio (zebra-fish)		
	Acute algae toxicity	ErC50 >10 - 100 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 > 1-10 mg/l	48 h	Daphnia magna		
67-63-0	propan-2-ol					
	Acute fish toxicity	LC50 9640 mg/l	96 h	Pimephales promelas		
	Acute algae toxicity	ErC50 >1000 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 13299 mg/l	48 h	Daphnia magna		
1310-73-2	sodium hydroxide					
	Acute fish toxicity	LC50 45,4 mg/l	96 h	Onchorhynchus mykiss		
	Acute crustacea toxicity	EC50 >100 mg/l	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.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			
	OECD TG 301 A	> 70	28	
	Easily biodegradable (concerning to the criteria of the OECD)			

#### **12.3. Bioaccumulative potential**

No data available

#### **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

E.g. dispose at suitable refuse site.

Neutralisation possible by an expert.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 9 of 11

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

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

#### 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  
 Non-contaminated packages must be recycled or disposed of.  
 Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** UN 1719  
**14.2. UN proper shipping name:** CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
 Hazard label: 8  
 Classification code: C5  
 Special Provisions: 274  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 Transport category: 3  
 Hazard No: 80  
 Tunnel restriction code: E

#### Inland waterways transport (ADN)

**14.1. UN number:** UN 1719  
**14.2. UN proper shipping name:** CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
 Hazard label: 8  
 Classification code: C5  
 Special Provisions: 274  
 Limited quantity: 5 L  
 Excepted quantity: E1

#### Marine transport (IMDG)

**14.1. UN number:** UN 1719  
**14.2. UN proper shipping name:** CAUSTIC ALKALI LIQUID, N.O.S. (caustic soda, sodium hydroxide)  
**14.3. Transport hazard class(es):** 8  
**14.4. Packing group:** III  
 Hazard label: 8  
 Special Provisions: 223, 274  
 Limited quantity: 5 L  
 Excepted quantity: E1  
 EmS: F-A, S-B

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### GLASAN

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 10 of 11

<b>14.1. UN number:</b>	UN 1719	
<b>14.2. UN proper shipping name:</b>	CAUSTIC ALKALI LIQUID, N.O.S. (caustic soda, sodium hydroxide)	
<b>14.3. Transport hazard class(es):</b>	8	
<b>14.4. Packing group:</b>	III	
Hazard label:	8	
Special Provisions:	A3 A803	
Limited quantity Passenger:	1 L	
Passenger LQ:	Y841	
Excepted quantity:	E1	
IATA-packing instructions - Passenger:		852
IATA-max. quantity - Passenger:		5 L
IATA-packing instructions - Cargo:		856
IATA-max. quantity - Cargo:		60 L

#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### **14.6. Special precautions for user**

Persons responsible for the transport of dangerous goods must be trained.  
Security provisions must be observed by all persons involved.  
Precautions must be taken to avoid injury

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

Not applicable, as freight is carried as general cargo, not in bulk.  
Minimum quantity regulations are not observed here.

#### **Other applicable information**

Hazard number and packing code are available on request.

### 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): 5%  
2004/42/EC (VOC): 5%

##### **Additional information**

For classification and labelling, see section 2.  
Observe trade association/occupational health regulations.  
Observe Chemical Ordinance, ChemO  
Observe Chemical Risk Reduction Ordinance, ORRChem  
Observe Air Quality Control regulation

##### **National regulatory information**

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).  
Water contaminating class (D): 2 - water contaminating

### SECTION 16: Other information

#### **Changes**

Revised sections: 7, 16

#### **Abbreviations and acronyms**

vPvB = very persistent very bioaccumulative  
PBT = persistent bioaccumulative toxic

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**GLASAN**

Revision date: 07.06.2017

Product code: 70030\_CLP

Page 11 of 11

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

H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

**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.)*