



# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## Multiphob LFW 20

Print date: 18.03.2020

Product code: 11.102.100

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### Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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.
P310	Immediately call a POISON CENTER/doctor.

### Special labelling of certain mixtures

EUH208	Contains 2-METHYL-2H-ISOTHIAZOL-3-ON (> 15 ppm); 1,2-BENZISOTHIAZOL-2(2H)-ON;. May produce an allergic reaction.
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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
215-199-1	Potassium Silicate	5 - 25 %
1312-76-1	Xi - Irritant R36/37/38	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335	
01-2119456888-17		
270-115-0	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	1 - 10 %
68411-30-3	Xn - Harmful, Xi - Irritant R22-38-41	
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
01-2119489428-22		
215-181-3	potassium hydroxide; caustic potash	1 - 5 %
1310-58-3	C - Corrosive, Xn - Harmful R22-35	
019-002-00-8	Acute Tox. 4, Skin Corr. 1A; H302 H314	
220-120-9	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	< 0.1 %
2634-33-5	Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R22-38-41-43-50	
613-088-00-6	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	

Full text of R, H and EUH phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Change contaminated clothing.

#### After inhalation

Provide fresh air.

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### After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
If skin irritation occurs: Get medical advice/attention.

### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

### After ingestion

Rinse mouth immediately and drink plenty of water.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

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

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

The product itself does not burn.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protective suit.

### Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

The product needs to apply neutralizing agents before draining to wastewater treatment plants. 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

All work processes must always be designed so that the following is excluded: skin contact. Eye contact.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed.

#### Hints on joint storage

Materials to avoid: Acid.

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**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
1310-58-3	Potassium hydroxide	-	2		STEL (15 min)	WEL

**Additional advice on limit values**

Does not contain substances above concentration limits fixing an occupational exposure limit.

**8.2. Exposure controls****Occupational exposure controls**

Does not contain substances above concentration limits fixing an occupational exposure limit.

**Protective and hygiene measures**

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream.

After work, wash hands and face. When using do not eat or drink.

**Respiratory protection**

With correct and proper use, and under normal conditions, breathing protection is not required.

**Hand protection**

Suitable material: NBR (Nitrile rubber). Breakthrough times and swelling properties of the material must be taken into consideration.

**Eye protection**

Suitable eye protection: Tightly sealed safety glasses.

**Skin protection**

Suitable protective clothing:

Overall. Chemical resistant safety shoes.

**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 (at 20 °C): 12 ± 1

**Changes in the physical state**

Melting point: 0 °C

Initial boiling point and boiling range: 100 °C

Softening point: not applicable

Flash point: not applicable

Lower explosion limits: not applicable

Ignition temperature: not applicable

**Oxidizing properties**

Not oxidising.

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Density: 1,02 ± 0,02 g/cm<sup>3</sup>  
 Water solubility: completely miscible

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

Violent reaction with: Acid.

**10.3. Possibility of hazardous reactions**

Conditions to avoid: Acid.

**10.4. Conditions to avoid**

Conditions to avoid: Acid.

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

No data available

**Acute toxicity**

There are no data available on the preparation/mixture itself.

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts				
	oral	LD50 mg/kg	> 2000	Rat	OECD 401
1310-58-3	potassium hydroxide; caustic potash				
	oral	LD50	273 mg/kg	Rat	RTECS
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one				
	oral	ATE	500 mg/kg		

**Specific effects in experiment on an animal**

There are no data available on the preparation/mixture itself.

**Irritation and corrosivity**

Irritating to eyes. After skin contact: irritant.

**Sensitising effects**

There are no data available on the preparation/mixture itself.

**Additional information on tests**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**SECTION 12: Ecological information****12.1. Toxicity**

There are no data available on the preparation/mixture itself.

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CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts					
	Acute fish toxicity	LC50	1 - 10 mg/l	96 h	Cyprinus carpio (Common Carp)	OECD 203
	Acute algae toxicity	ErC50 mg/l	> 10 - 100	72 h	Desmodesmus subspicatus	OECD 201
1310-58-3	potassium hydroxide; caustic potash					
	Acute fish toxicity	LC50	80 mg/l	96 h	Gambusia affinis	IUCLID

#### Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Dispose of waste according to applicable legislation.

##### Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

##### Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

##### Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

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

##### Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulatory information

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

### SECTION 16: Other information

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**Changes**

\* Data changed compared with the previous version

**Relevant R phrases (number and full text)**

22	Harmful if swallowed.
35	Causes severe burns.
36/37/38	Irritating to eyes, respiratory system and skin.
36/38	Irritating to eyes and skin.
38	Irritating to skin.
41	Risk of serious damage to eyes.
43	May cause sensitisation by skin contact.
50	Very toxic to aquatic organisms.

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

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
EUH208	Contains 2-METHYL-2H-ISOTHIAZOL-3-ON (> 15 ppm); 1,2-BENZISOTHIAZOL-2(2H)-ON;. May produce an allergic reaction.

**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.)*