

Safety Data Sheet



according to Regulation (EC) No 1907/2006

MULTIPLAST G/HK

Print date: 18.03.2020

Product code: 06.107.100

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P310 present and easy to do. Continue rinsing.
 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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

wässrige tensidische Lösung

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		
270-115-0	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	1 - < 5 %
68411-30-3	Xi - Irritant R38-41	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412	
01-2119489428-22		
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

Apply cortisone spray at early stage.

After inhalation

Provide fresh air. No special measures are necessary.

After contact with skin

Wash with plenty of water. Change contaminated clothing. After contact with skin, wash immediately with: Water and soap.

In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

gastro-intestinal ailment.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn.

Extinguishing media which must not be used for safety reasons

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

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

Additional information

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

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. 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. Take up mechanically.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Information for safe handling:

It is recommended to design all work processes always so that the following is excluded:

inhalation.

skin contact.

Eye contact.

Advice on protection against fire and explosion

The product is not: Combustible.

No special precautionary measures are necessary.

Further information on handling

When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Suitable material for Container:

Polyethylene. Glass.

Hints on joint storage

Do not store together with: Acid.

Further information on storage conditions

Recommended storage temperature: of °C: +5 up to °C: +40

Maximum period of storage (time): 12 Monate

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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

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

8.2. Exposure controls**Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Personal protection equipment

Respiratory protection

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

Hand protection

Hand protection: Single-use gloves.

Additional protection measures for the hands: Before using check leak tightness / impermeability.

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. Boots.

Remarks: Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes.

Environmental exposure controls

Technical measures to prevent exposure refer to chapter 7. No further action is necessary.

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

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

pH-Value (at 20 °C):	9,0 ± 1,0	Test method
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Changes in the physical state

Initial boiling point and boiling range:	100 °C
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Density (at 20 °C):	1,05 ± 0,02 g/cm ³
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Water solubility:	completely miscible
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Flow time: (at 23 °C)	15 ± 5 4 DIN 53211
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SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and handled correctly.

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10.2. Chemical stability

No decomposition if stored and handled correctly.

10.3. Possibility of hazardous reactions

No hazardous reactions when handling and storage.

10.6. Hazardous decomposition products

No known dangerous decomposition products.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Acute toxicity, oral

LD50: > 2000 mg/kg

species: Rat

Method: OECD 401

Source: literature value

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
68411-30-3	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts				
	oral	ATE	500 mg/kg		
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

No information available.

Irritation and corrosivity

No information available.

Sensitising effects

No information available.

Severe effects after repeated or prolonged exposure

No information available.

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

Additional information on tests

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

Further information

Quelle: Fremdsicherheitsdatenblatt

SECTION 12: Ecological information**12.2. Persistence and degradability**

Degradation rate (%): 94

Time (d): 28

OECD 302B / ISO 9888 / EEC 88/302 annex V, C.9

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Degradation rate (%): 77
Time (d): 28
OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). Source: literature value
The information about ecology refers to the main components.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.
Send to a physico-chemical treatment facility under observation of official regulations.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled. Non-contaminated packages may be recycled.
Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not a hazardous material with respect to transportation regulations.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

Not a hazardous material with respect to transportation regulations.

Marine transport (IMDG)

Other applicable information (marine transport)

Not a hazardous material with respect to transportation regulations.

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

Not a hazardous material with respect to transportation regulations.

Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Labelling (EU-GHS) Signal word: Danger
Hazard pictograms Corrosion

National regulatory information

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

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SECTION 16: Other information**Changes**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Validity period: EC member states

Revision date:

Date of print:

Abbreviations and acronyms

k.D.v.	keine Daten vorhanden
n.a.	nicht anwendbar
MAK	Maximale Arbeitsplatzkonzentration

Relevant R phrases (number and full text)

22	Harmful if swallowed.
36	Irritating to eyes.
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.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
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.)