

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 1 of 7

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

1.1. Product identifier

Plastolan BM

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

Use of the substance/mixture

Building and construction preparations not covered elsewhere.

1.3. Details of the supplier of the safety data sheet

Company name:	MTC GmbH	
Street:	Adolf - Oesterheld - Straße 1	
Place:	D-97337 Dettelbach	
Post-office box:	80	
	D-97337 Dettelbach	
Telephone:	+49(0)932491910	Telefax: +49(0)9324919155
e-mail:	info@mtc-chemie.com	
Internet:	www.mtc-chemie.com	

1.4. Emergency telephone number:

+49(0)932491910

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous in accordance with Directive 1999/45/EC.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

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

2.2. Label elements

Precautionary statements

P270	Do not eat, drink or smoke when using this product.
P262	Do not get in eyes, on skin, or on clothing.

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.
EUH210	Safety data sheet available on request.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

aqueous mixture of lignin sulfonate and non hazardous adjuvants

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.
Never give anything by mouth to an unconscious person or a person with cramps.

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 2 of 7

If unconscious place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.
In case of irregular breathing or respiratory arrest provide artificial respiration.

After contact with skin

Change contaminated clothing.
Wash with plenty of water/?.
Do not wash with: Solvent/Thinner.

After contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).
Call a physician immediately.
Put victim at rest, cover with a blanket and keep warm.
Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam. Carbon dioxide. Powder. Water fog.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke.
Danger of serious damage to health by prolonged exposure.
Use appropriate respiratory protection.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.
Do not allow water used to extinguish fire to enter drains or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing dust/fume/gas/mist/vapours/spray.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Collect in closed containers for disposal.
Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 3 of 7

Advice on safe handling

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

7.2. Conditions for safe storage, including any incompatibilities

Hints on joint storage

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

Further information on storage conditions

storage temperature: ____ °C

Keep container tightly closed and in a well-ventilated place. Keep container dry.

When using do not smoke.

Access is only to be granted to authorised personal.

Always close containers tightly after the removal of product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Occupational exposure controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Respiratory protection

not applicable

Hand protection

Suitable material:

In case of prolonged or frequently repeated skin contact: ____

penetration time (maximum wearing period): ____

See information supplied by the manufacturer.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

Eye protection

Wear eye/face protection.

Skin protection

not applicable

Environmental exposure controls

Do not allow to enter into surface water or drains.

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 4 of 7

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour: white
 Odour: characteristic

Test method

pH-Value (at 20 °C): 9,0 ± 1

Changes in the physical state

Melting point: 0 °C
 Initial boiling point and boiling range: 100 °C

Flash point: No data available DIN 53213

Flammability

Solid: not applicable
 Gas: not applicable

Explosive properties

not relevant

Lower explosion limits:

Upper explosion limits:

Ignition temperature: not applicable

Auto-ignition temperature

Solid: not relevant

Gas: not relevant

Oxidizing properties

Not oxidizing.

Vapour pressure: No data available

Density (at 20 °C): 1,01 ± 0,02 g/cm³ DIN 53217

Bulk density: not applicable

Water solubility: completely miscible

Solvent separation test: <3 % (ADR/RID)

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when handling and storage.

10.2. Chemical stability

No decomposition if stored and handled correctly.

10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis

10.4. Conditions to avoid

In case of warming: Thermal decomposition.



according to Regulation (EC) No 1907/2006

Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 5 of 7

10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

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

Acute toxicity, oral
LD50: > 2000 mg/kg
OECD 401
species: Rat.

Irritation and corrosivity

Irritant effect on the eye: Not an irritant.
species: Rabbit.
Method: OECD 405

Sensitising effects

species: Guinea-pig.
Method: OECD 406.
Evaluation: no danger of sensitization.

Empirical data on effects on humans

Following eye contact:
Irritating to eyes. (reversible.)
Ames test negative.

Further information

There are no data available on the preparation/mixture itself.
The preparation is not dangerous in the sense of Directive 1999/45/EC.
Data apply to technical substance.

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

Aquatic toxicity
EC50:
Exposure time: 48 h
species: Pseudomonas putida
> 10000 mg/kg

EC50:
Exposure time: 48 h
species: Daphnia magna
> 200 mg/l

LC50:
Exposure time: 96 h
species: Brachydanio rerio (zebra-fish)
> 1000 mg/l

12.2. Persistence and degradability

> 70 %
OECD 302B / ISO 9888 / EEC 88/302 annex V, C.9

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 6 of 7

12.3. Bioaccumulative potential

No information available.

Further information

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

Do not allow to enter into surface water or drains.

The information about ecology refers to the active component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains.

Remove according to the regulations.

Contaminated packaging

Completely emptied packages can be recycled.

Remove according to the regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -

Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -

Other applicable information (inland waterways transport)

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -

Other applicable information (marine transport)

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: -**14.2. UN proper shipping name:** -

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Plastolan BM

Print date: 18.03.2020

Product code: 04.102.100

Page 7 of 7

14.3. Transport hazard class(es): -**14.4. Packing group:** -**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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

not applicable

SECTION 15: Regulatory information

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

National regulatory information

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

EUH208	Contains 2-METHYL-2H-ISOTHIAZOL-3-ON (> 15 ppm); 1,2-BENZISOTHIAZOL-2(2H)-ON;. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

* Data changed compared with the previous version

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.)