

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**

- **Trade name:** TYLOSE MH 300 P2

- **Article number:** 100660

- **Application of the substance / the preparation:**

Additive for building materials, coating materials, special applications

- **Manufacturer/Supplier:**

SE Tylose GmbH & Co. KG

Rheingastrasse 190 - 196

65203 WIESBADEN

Telefon-Nr.: +49 611 962 04

- **Further information obtainable from:**

ESHA / Product Safety

Telephone: +49 (611) 962-6309

- **Information in case of emergency:** Telephone: +49 611 962-6100/-3333

2 Composition/information on ingredients

- **Chemical characterization:** Methylhydroxyethylcellulose

3 Hazards identification

No hazards to be particularly mentioned.

4 First aid measures

- **After inhalation:** Seek medical treatment in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**

Water spray

Foam

6 Accidental release measures

- **Person-related safety precautions:** Product forms slippery surface when combined with water.
- **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:** Pick up mechanically.

7 Handling and storage

- **Information for safe handling:**

Prevent formation of dust.

Any unavoidable deposit of dust must be regularly removed.

Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.

- **Information about fire - and explosion protection:** Dust can combine with air to form an explosive mixture.

- **Dust explosion class:** ST 1

- **Information about storage in one common storage facility:** Not required.

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· **Further information about storage conditions:** Store in dry conditions.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:** Not required.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:** Suitable respiratory protective device recommended.

· **Protection of hands:**

Rubber gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

· **Body protection:** Not required.

9 Physical and chemical properties

· **General Information**

Form:	Powder
Colour:	Whitish
Odour:	Odourless

· **Change in condition**

Melting point/Melting range:	Not applicable
Boiling point/Boiling range:	Not applicable

· **Flash point:** Not applicable.

· **Ignition temperature:** >360°C

· **Self-igniting:** >240°C

· **Explosion limits:**

Lower:	Not determined
Upper:	Not applicable

· **Oxidizing properties** Not applicable

· **Vapour pressure:** Not applicable

· **Density at 20°C:** 1.28 - 1.30 g/cm³

· **Bulk density:** ca. 400 kg/m³

· **Solubility in / Miscibility with water:**

(20 °C)
Soluble.

· **pH-value (10 g/l) at 20°C:**

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Neutral

· **Segregation coefficient**

(n-octanol/water, log Pow): <3

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- **Number of combustion:** BZ5 Complete combustion with flames
- **Thermal conductivity:** Not determined
- **Specific resistance / electrical conductivity:** Not determined

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
- **Decomposition starts at:** 200°C
- **Materials to be avoided:** None
- **Dangerous reactions** No dangerous reactions known.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

Oral	LD50	> 2000 mg/kg (rat)
		OECD 401

· **Primary irritant effect:**

· **on the skin:**

No irritant effect.
(rabbit), OECD 404

· **on the eye:**

No irritating effect.
(rabbit eye), OECD 405

· **Other information (about experimental toxicology):**

Acute inhalation toxicity: Up to the highest technically achievable concentration no lethality occurred, OECD 403.

By analogy with a product of similar composition.

12 Ecological information

· **Information about elimination (persistence and degradability):**

· **Biodegradability (OECD 302 B):** 10 - 30 %

· **Ecotoxicological effects:**

· **Acquatic toxicity:**

EC50	>100 mg/l (daphnia)
	48 h, OECD 202
	>100 mg/l (scenedesmus)
	72 h, OECD 201
	>1000 mg/l (bacteria)
	OECD 209
LC50	>500 mg/l (danio)
	96 h, OECD 203

· **Additional ecological information:**

· **COD-value:** 1200 mg/g

· **DOC-value:** 450 mg/g

· **General notes:**

By analogy with a product of similar composition.

Apart from the information given in this Safety Data Sheet on environmental effects, there are no additional data on mobility, persistence, degradability and bioaccumulation available.

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13 Disposal considerations

- **Product:**

- **Recommendation**

On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.

- **Uncleaned packaging:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

- **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** -

- **Maritime transport IMDG:**

- **IMDG Class:** -

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

15 Regulatory information

- **Labelling according to EU guidelines:** No markings required.

- **National regulations:**

- **Other regulations, limitations and prohibitive regulations**

VDI 2263 "Dust fires and dust explosions; hazards, assessment, protective measures"

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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