

Tylose MH 15000 YP4

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/22/2017 Version: 5.0

SDS No: 10896-0242

ShinEtsu

SE Tylose GmbH & Co. KG

SECTION 1: Identification

1.1. Identification

Product form : Substance
Substance name : Tylose MH 15000 YP4
Product code : (MHEC_R)

1.2. Recommended use and restrictions on use

Recommended use : Rheological Additive, Special applications, Coating material, Chemical for use in construction
Restrictions on use : There is no information available on applications that are not advised

1.3. Supplier

Manufacturer

SE Tylose GmbH & CO. KG
Rheingastr. 190 - 196
Wiesbaden, 65203 - Germany
T + 49 611 962 6309
product.safety@setylose.com - www.setylose.com

Informing department

Customer Service
T +1 225-309-0110
product.safetyUSA@setyloseUSA.com

Importer

SE Tylose USA Inc,
26270 Hwy 405
Plaquemine, LA 70764 - USA

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.4. Emergency telephone number

Emergency number : INFOTRAC: (001) 352 323 3500 Customer ID 102867

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin sensitization, Category 1 H317
May cause an allergic skin reaction

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Warning

Hazard statements (GHS-US)

: H317 - May cause an allergic skin reaction
May form combustible dust concentrations in air

Precautionary statements (GHS-US)

: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P501 - Dispose of contents/container to in accordance with local and national regulations
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Avoid dust formation

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Dust may form explosive mixture in air. Handle in accordance with good industrial hygiene and safety practice.

2.4. Unknown acute toxicity (GHS US)

Not applicable

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Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation. Dust may form explosive mixture in air. Keep away from sources of ignition - No smoking.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Material is hygroscopic. Protect from atmospheric moisture and water.

Information on mixed storage : No special storage requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Cellulose methyl ether, 2-hydroxyethyl ether, retarded (9032-42-2)		
Not applicable		
glyoxal (107-22-2)		
DNEL	DNEL	0.04 mg/m ³
ACGIH	Local name	Glyoxal
ACGIH	ACGIH TWA (mg/m ³)	0.1 mg/m ³
ACGIH	Remark (ACGIH)	URT irr; larynx metaplasia; DSEN; A4 (Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data. In vitro or animal studies do not provide indications of carcinogenicity which are sufficient to classify the agent into one of the other categories)
ACGIH	Regulatory reference	ACGIH 2018

Additional information : Obey TLV for common dust, if applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Avoid dust formation.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Not required for normal conditions of use. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

Eye protection:

Not required for normal conditions of use

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition
breathing apparatus with filter	Type P1	Short term exposure

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10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Tylose MH 15000 YP4	
LD50 oral rat	> 2000 mg/kg OECD 404

glyoxal (107-22-2)	
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 6 - 8 10g/l
Serious eye damage/irritation	: Not classified pH: 6 - 8 10g/l
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified

glyoxal (107-22-2)	
Specific target organ toxicity – single exposure	May cause respiratory irritation.

Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after skin contact	: May cause sensitization of susceptible persons by skin contact.
Symptoms/effects after eye contact	: May cause eye irritation.
Other information	: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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Tylose MH 15000 YP4	
LC50 fish 1	> 500 mg/l (OECD 203 method)
EC50 Daphnia 1	> 100 mg/l (OECD 203 method)
EC50 other aquatic organisms 1	> 1000 mg/l (OECD 209 method)

glyoxal (107-22-2)	
LC50 fish 1	86 mg/l

12.2. Persistence and degradability

Tylose MH 15000 YP4	
Persistence and degradability	Product is biodegradable. Does not affect the functioning of waste-water treatment plants. In case of loss of large quantities, advice local authorities.
Chemical oxygen demand (COD)	< 1500 mg/g

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Cellulose methyl ether, 2-hydroxyethyl ether, retarded (9032-42-2)

Listed on the Canadian DSL (Domestic Substances List)

glyoxal (107-22-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Tylose MH 15000 YP4

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)- Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

National regulations

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Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Cellulose methyl ether, 2-hydroxyethyl ether, retarded (9032-42-2)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Cellulose methyl ether, 2-hydroxyethyl ether, retarded(9032-42-2)	
glyoxal (107-22-2)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

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Other information

Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Full text of H-phrases:

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects

Abbreviations and acronyms: