

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations

Issue date:17/01/2018 Revision date:07/03/2025 Supersedes:14/05/2024 Version: 7.1

SDS No: 10896-0271



SE Tylose GmbH & Co. KG

### SECTION 1: Product identifier

#### 1.1. GHS Product identifier

Product form : Substance  
Substance name : Tylose MOBS 3 P4  
Product code : MHPC

#### 1.2. Other means of identification

Further information : UFI: Not classified = Not applicable

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Rheological Additive  
Special applications  
Binding agent  
Restrictions on use : There is no information available on applications that are not advised

#### 1.4. Details of manufacturer or importer

##### Manufacturer

SE Tylose GmbH & Co. KG

Kasteler Straße 45

Wiesbaden 65203

Germany

T + 49 611 962 6309

[product.safety@setylose.com](mailto:product.safety@setylose.com) - [www.setylose.com](http://www.setylose.com)

##### Importer

Admil Adhesives

80-84 Peters Avenue

Mulgrave, VIC, 3170

Australia

T Business Hours (03) 8544 6200

[support@silicone.com.au](mailto:support@silicone.com.au)

E-mail address of competent person responsible for the SDS: [sds@gbk-ingelheim.de](mailto:sds@gbk-ingelheim.de)

##### Informing department

Customer Service / Sales

T +49 611 962 6669

[customerservice.DE@setylose.com](mailto:customerservice.DE@setylose.com)

[customerservice.WI@setylose.com](mailto:customerservice.WI@setylose.com)

#### 1.5. Emergency phone number

Emergency number : Emergency CONTACT Australia (24-Hour-Number):  
GBK/Infotrac ID 102867: +61-280735031

### SECTION 2: Hazard identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Not classified

#### 2.2. GHS Label elements, including precautionary statements

No labelling applicable

#### 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.

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 10896-0271

### SECTION 3: Composition and information on ingredients

Comments : A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006.

| Name                                                                      | CAS-No.   | %          | Classification according to the model Work Health and Safety Regulations (WHS Regulations) |
|---------------------------------------------------------------------------|-----------|------------|--------------------------------------------------------------------------------------------|
| Cellulose, 2-hydroxypropyl methyl ether                                   | 9004-65-3 | > 90       | Not classified                                                                             |
| Other substances (not contributing to the classification of this product) | -         | Up to 100% | -                                                                                          |

Comments : 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 4: First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse immediately with plenty of water, also under the eyelids. Consult an ophthalmologist if irritation persists.  
First-aid measures after ingestion : Rinse mouth. If symptoms persist, call a physician.

#### 4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : May cause sensitisation of susceptible persons by skin contact.  
Symptoms/effects after eye contact : May cause eye irritation.

#### 4.3. Medical attention and special treatment

Treatment : Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Sand. Alcohol resistant foam. Chemical powder. Carbon dioxide. Water spray.  
Unsuitable extinguishing media : No data available.

#### 5.2. Specific hazards arising from the chemical

General measures : Avoid dust formation. Do not breathe dust. Forms slippery surfaces with water.  
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO<sub>2</sub>).

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Self-contained breathing apparatus.

### SECTION 6: Accidental release measures

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

General measures : Avoid dust formation. Do not breathe dust. Forms slippery surfaces with water.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 10896-0271

### 6.2. Environmental precautions

Large amounts of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

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

Methods for cleaning up : Shovel or sweep up and put in a closed container for disposal. Avoid dust formation.

## 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 and personal protection

### 8.1. Control parameters - exposure standards

#### Tylose MOBS 3 P4

##### Australia - Occupational Exposure Limits

|  |                                         |
|--|-----------------------------------------|
|  | Obey TLV for common dust, if applicable |
|--|-----------------------------------------|

### 8.2. Biological Monitoring

No additional information available

### 8.3. Engineering controls

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

### 8.4. Individual protection measures, such as personal protective equipment (PPE)

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           | Standard |
|---------------------------------|-------------|---------------------|----------|
| Breathing apparatus with filter | Type P1     | Short term exposure |          |

Environmental exposure controls : Avoid release to the environment.

Other information : Do not eat, drink or smoke when using this product. Wash hands immediately after handling the product. Do not breathe dust.

## SECTION 9: Physical and chemical properties

Physical state : Solid

Appearance : Powder.

Colour : whitish

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 10896-0271

|                                            |                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| Odour                                      | : Odourless                                                                                     |
| Odour threshold                            | : No data available                                                                             |
| pH                                         | : 6 – 8                                                                                         |
| pH solution concentration                  | : 10 g/l                                                                                        |
| Relative evaporation rate (butylacetate=1) | : Not specifically applicable                                                                   |
| Melting point / Freezing point             | : Melting point: Not specifically applicable<br>Freezing point: Not specifically applicable     |
| Boiling point                              | : Not specifically applicable                                                                   |
| Flash point                                | : Not specifically applicable                                                                   |
| Auto-ignition temperature                  | : > 170 °C                                                                                      |
| Flammability                               | : No data available                                                                             |
| Vapour pressure                            | : Vapour pressure: Not specifically applicable                                                  |
| Relative density                           | : Relative vapour density at 20°C: Not specifically applicable                                  |
| Density                                    | : Density: 1.1 – 1.5 g/cm <sup>3</sup> (20 °C)<br>Relative density: Not specifically applicable |
| Solubility                                 | : Water: > 10 g/l (20 °C)                                                                       |
| Log Pow                                    | : < 0                                                                                           |
| Viscosity, kinematic                       | : Not specifically applicable                                                                   |
| Viscosity, dynamic                         | : Not specifically applicable                                                                   |
| Explosive properties                       | : Product is not explosive. Dust may form explosive mixture in air.                             |
| Explosive limits                           | : No data available                                                                             |
| Minimum ignition energy                    | : > 10 mJ                                                                                       |
| Fat solubility                             | : No data available                                                                             |
| Combustion class                           | : 5                                                                                             |
| Smoldering temperature                     | : > 450 °C                                                                                      |
| p <sub>max</sub>                           | : 10 bar                                                                                        |
| Dust explosion category                    | : ST1                                                                                           |
| KSt                                        | : < 200 bar*m/s                                                                                 |
| Ignition temperature                       | : > 400 °C                                                                                      |

### SECTION 10: Stability and reactivity

|                                    |                                                                                                        |
|------------------------------------|--------------------------------------------------------------------------------------------------------|
| Reactivity                         | : The product is non-reactive under normal conditions of use, storage and transport.                   |
| Chemical stability                 | : Stable under normal conditions.                                                                      |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use.                                         |
| Conditions to avoid                | : No decomposition if stored normally.                                                                 |
| Incompatible materials             | : Strong oxidizing agent.                                                                              |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

### SECTION 11: Toxicological information

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Acute toxicity (oral)       | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (dermal)     | : Not classified (Based on available data, the classification criteria are not met) |
| Acute toxicity (inhalation) | : Not classified (Based on available data, the classification criteria are not met) |

#### Tylose MOBS 3 P4

|                                   |                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| LD50 oral rat                     | > 2000 mg/kg (OECD 425 method)                                                                   |
| Skin corrosion/irritation         | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 6 – 8 |
| Serious eye damage/irritation     | : Not classified (Based on available data, the classification criteria are not met)<br>pH: 6 – 8 |
| Respiratory or skin sensitisation | : Not classified (Based on available data, the classification criteria are not met)              |
| Germ cell mutagenicity            | : Not classified (Based on available data, the classification criteria are not met)              |
| Carcinogenicity                   | : Not classified (Based on available data, the classification criteria are not met)              |
| Reproductive toxicity             | : Not classified (Based on available data, the classification criteria are not met)              |
| STOT-single exposure              | : Not classified (Based on available data, the classification criteria are not met)              |
| STOT-repeated exposure            | : Not classified (Based on available data, the classification criteria are not met)              |
| Aspiration hazard                 | : Not classified (Based on available data, the classification criteria are not met)              |

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 10896-0271

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. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met).

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met).

Other information : Do not release undiluted or in higher quantities into the groundwater, sewerage or waters.

#### Tylose MOBS 3 P4

|                                    |                                |
|------------------------------------|--------------------------------|
| LC50 fish 1                        | > 1000 mg/l (OECD 203 method)  |
| EC50 - Other aquatic organisms [1] | > 1000 mg/l (OECD 209 method)  |
| LD50 oral rat                      | > 2000 mg/kg (OECD 425 method) |

#### 12.2. Persistence and degradability

#### Tylose MOBS 3 P4

|                               |                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                              |

#### 12.3. Bioaccumulative potential

#### Tylose MOBS 3 P4

|                           |                                 |
|---------------------------|---------------------------------|
| Log Pow                   | < 0                             |
| Bioaccumulative potential | Not potentially bioaccumulable. |

#### 12.4. Mobility in soil

#### Tylose MOBS 3 P4

|                  |                |
|------------------|----------------|
| Mobility in soil | Not applicable |
| Log Pow          | < 0            |

#### 12.5. Other adverse effects

Ozone : Not classified (Based on available data, the classification criteria are not met)

Other adverse effects : No additional information available

#### Tylose MOBS 3 P4

|                              |       |
|------------------------------|-------|
| Fluorinated greenhouse gases | False |
|------------------------------|-------|

### SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 10896-0271

| ADG                                     | IMDG           | IATA           |
|-----------------------------------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.2. UN Proper Shipping Name</b>    |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |
| Not applicable                          | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |
| Not applicable                          | Not applicable | Not applicable |

### 14.6. Special precautions for user

Specific storage requirement : No data available  
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations

#### Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS : All the chemicals contained in this product are listed introductions Inventory) status

#### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

No additional information available

#### Australian Pesticides and Veterinary Medicines Authority (APVMA)

Other information on relevant regulations : All components of this mixture are listed on or exempted from AICIS

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

Revision date : 7/03/2025

# Tylose MOBS 3 P4

## Safety Data Sheet

according to the WHS Regulations  
SDS No: 10896-0271

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.

| Abbreviations and acronyms: |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road                 |
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways     |
| IATA                        | International Air Transport Association                                                             |
| IMDG                        | International Maritime Dangerous Goods                                                              |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                        |
| DOT                         | Department of Transport                                                                             |
| TDG                         | Transportation of Dangerous Goods                                                                   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006   |
| GHS                         | Globally Harmonized System of Classification, Labelling and Packaging of Chemicals                  |
| IARC                        | International Agency for Research on Cancer                                                         |
| vPvB                        | Very Persistent and Very Bioaccumulative                                                            |
| PBT                         | Persistent Bioaccumulative Toxic                                                                    |
| PNEC                        | Predicted No-Effect Concentration                                                                   |
| CAS                         | CAS (Chemical Abstracts Service) number                                                             |
| IBC-Code                    | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ATE                         | Acute Toxicity Estimate                                                                             |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                         |
| BCF                         | Bioconcentration factor                                                                             |
| MARPOL 73/78                | MARPOL 73/78: International Convention for the Prevention of Pollution From Ships                   |
| ADG                         | Transport of Australian Dangerous Goods                                                             |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.