SECTION 1: Product identifier

1.1. GHS Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substance name</td>
<td>Tylose H 100070 NP2</td>
</tr>
<tr>
<td>Product code</td>
<td>COS_HEC</td>
</tr>
</tbody>
</table>

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: Special applications
Cosmetics

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 - www.setylose.com

Importing department
Customer Service / Sales
T +49 611 962 6325
reiner.possprich@setylose.com

1.5. Emergency phone number

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

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.

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.
Tylose H 100070 NP2
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according to the Model Work Health and Safety Regulations
SDS No: 10896-0045

Name | CAS-No. | % | Classification according to the model Work Health and Safety Regulations (WHS Regulations)
---|---|---|---
Cellulose, 2-hydroxyethyl ether | 9004-62-0 | > 88 | Not classified

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

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, CO2).

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.

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 H 100070 NP2

Australia - Occupational Exposure Limits

<table>
<thead>
<tr>
<th></th>
<th>Obey TLV for common dust, if applicable</th>
</tr>
</thead>
</table>

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)

<table>
<thead>
<tr>
<th></th>
<th>Filter type</th>
<th>Condition</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand protection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye protection</td>
<td></td>
<td>Not required for normal conditions of use</td>
<td></td>
</tr>
<tr>
<td>Skin and body protection</td>
<td></td>
<td>Wear suitable protective clothing</td>
<td></td>
</tr>
<tr>
<td>Respiratory protection</td>
<td></td>
<td>In case of insufficient ventilation, wear suitable respiratory equipment</td>
<td></td>
</tr>
</tbody>
</table>

Device

Breathing apparatus with filter: Type P1

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
Odour: odourless
Odour threshold: No data available
pH: 5.5 – 8 10g/l
**Tylose H 100070 NP2**

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14/06/2019 (Revision date)

**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

**Acute toxicity (dermal)**: Not classified

**Acute toxicity (inhalation)**: Not classified

*Tylose H 100070 NP2*

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg (OECD 425 method)</td>
</tr>
</tbody>
</table>

**Skin corrosion/iritation**: Not classified

pH: 5.5 – 8 10g/l

**Serious eye damage/iritation**: Not classified

pH: 5.5 – 8 10g/l

**Respiratory or skin sensitisation**: Not classified

**Germ cell mutagenicity**: Not classified

**Carcinogenicity**: Not classified

**Reproductive toxicity**: Not classified

**STOT-single exposure**: Not classified

**STOT-repeated exposure**: Not classified

**Aspiration hazard**: Not classified

**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

<table>
<thead>
<tr>
<th>Ecology - general</th>
<th>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous to the aquatic environment, short-term (acute)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Hazardous to the aquatic environment, long-term (chronic)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Other information</td>
<td>Do not release undiluted or in higher quantities into the groundwater, sewerage or waters.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tylose H 100070 NP2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 - Other aquatic organisms [1]</td>
</tr>
<tr>
<td>Log Pow</td>
</tr>
</tbody>
</table>

### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Tylose H 100070 NP2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
</tr>
<tr>
<td>Chemical oxygen demand (COD)</td>
</tr>
</tbody>
</table>

### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Tylose H 100070 NP2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
</tr>
</tbody>
</table>

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

<table>
<thead>
<tr>
<th>Tylose H 100070 NP2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ozone</td>
</tr>
<tr>
<td>Other adverse effects</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cellulose, 2-hydroxyethyl ether (9004-62-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluorinated greenhouse gases</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tylose H 100070 NP2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluorinated greenhouse gases</td>
</tr>
</tbody>
</table>

## SECTION 13: Disposal considerations

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

## SECTION 14: Transport information

<table>
<thead>
<tr>
<th>ADG</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1. UN number</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
Tylose H 100070 NP2
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<table>
<thead>
<tr>
<th>ADG</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN Proper Shipping Name</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.6. Special precautions for user</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific storage requirement</td>
<td>: No data available</td>
<td>: No data available</td>
</tr>
<tr>
<td>Shock sensitivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.7. Additional information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other information</td>
<td>: No supplementary information available</td>
<td></td>
</tr>
<tr>
<td>Transport by road and rail</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Transport by sea</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Air transport</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>14.8. Hazchem or Emergency Action Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>: Not applicable</td>
<td></td>
</tr>
<tr>
<td>15.1. Safety, health and environmental regulations specific for the product in question</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other information on relevant regulations</td>
<td>: All components of this mixture are listed on or exempted from AICS</td>
<td></td>
</tr>
<tr>
<td>15.2. International agreements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No additional information available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**SECTION 16: Other information**

**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
- 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

**Revision date**: 14/06/2019

**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.

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 not therefore be construed as guaranteeing any specific property of the product.