

**Safety Data Sheet**

SE Tylose GmbH &amp; Co. KG

according to Regulation (EC) No 1907/2006

**Hostapur OSB**

Print date: 21.01.2012

Product code: OSB\_0001

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

Hostapur OSB

**Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Chemical for use in construction

**Details of the supplier of the safety data sheet**

Company name:	SE Tylose GmbH & CO. KG	
Street:	Rheingastr. 190 - 196	
Place:	D 65203 Wiesbaden	
Contact person:	Product Safety	Telephone: + 49 611 962 6309
e-mail:	product.safety@setylose.de	
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Responsible Department:	Customer Service / Sales	
	+49 611 962 6325	
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Responsible for the safety data sheet: sds@gbk-ingelheim.de

Emergency Telephone: GBK Gefahrgutbuero GmbH, Tel. +49(0)6132-98 29 0 21

**SECTION 2: Hazards identification****Classification of the substance or mixture**

Indications of danger : Irritant

R-phrases:

Irritating to skin.

Risk of serious damage to eyes.

The product can form flammable (explosive) dust clouds in air.

**GHS classification**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

**Label elements**

Signal word: Danger

Pictograms: GHS05

**Hazardous components which must be listed on the label**

Olefinic sulphonate

Potassium carbonate

**Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

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**Other hazards**

The product is considered non-explosive; nevertheless explosive dust/air mixture can be generated

**SECTION 3: Composition/information on ingredients****Mixtures****Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
270-407-8	Olefinic sulphonate	90 - 98 %
68439-57-6	Xi R38-41	
	Skin Irrit. 2, Eye Dam. 1; H318 H315	
01-2119513401-57		
209-529-3	Potassium carbonate	< 5 %
584-08-7	Xn, Xi R22-36	

Full text of R- and H-phrases: see section 16.

**SECTION 4: First aid measures****Description of first aid measures****General information**

Remove contaminated soaked clothing immediately.

**After inhalation**

Take affected person into fresh air. Consult a physician.

**After contact with skin**

In case of contact with skin wash off immediately with plenty of water.

**After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

**After ingestion**

Rinse mouth. Seek medical treatment immediately.

**Most important symptoms and effects, both acute and delayed**

Irritating to skin.

Risk of serious damage to eyes.

**Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

Foam., Water spray jet

**Extinguishing media which must not be used for safety reasons**

Dry powder., Carbon dioxide, Full water jet.

**Special hazards arising from the substance or mixture**Sulphur dioxide (SO<sub>2</sub>), Carbon monoxide and carbon dioxide.

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**Advice for firefighters**

In case of fire, wear suitable respiratory equipment with positive air supply.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Use personal protective clothing. Keep away sources of ignition.

**Environmental precautions**

Do not discharge into the drains or bodies of water.

**Methods and material for containment and cleaning up**

Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.

Flush away residues with water.

**Reference to other sections**

Information for disposal look up chapter 13.

**SECTION 7: Handling and storage****Precautions for safe handling****Advice on safe handling**

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

Avoid the formation of dust.

Any dust build-up that cannot be avoided should be removed regularly..

**Advice on protection against fire and explosion**

The product can form flammable (explosive) dust clouds in air.

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities****Further information on storage conditions**

Store only at temperature of 40°C minimum (=104°F).

**Specific end use(s)**

Rheological Additive

Coating material

Chemical for use in construction

Special applications

**SECTION 8: Exposure controls/personal protection****Control parameters****Additional advice on limit values**

Obey TLV for common dust, if applicable.

**Exposure controls****Occupational exposure controls**

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

**Protective and hygiene measures**

Avoid contact with the skin and the eyes.

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Do not breathe dust.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

Short term: filter apparatus, Filter P1

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**Hand protection**

Protective gloves resistant to chemicals made off butyl, minimum coat thickness 0,7 mm, permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de.

Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration.

**Eye protection**

If used properly, no need to wear eye protection. Otherwise wear protective goggles with integrated side shields.

**Skin protection**

Protective clothing

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

Physical state:	Powder
Colour:	Yellowish
Odour:	Odourless

**Test method**

pH-Value (at 20 °C):	10-11	10 g/l
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**Changes in the physical state**

Melting point:	> 300 °C	DSC
Boiling point:	n.a.	
Flash point:	n.a.	

**Explosive properties**

The product is considered non-explosive; nevertheless explosive dust/air mixture can be generated

Lower explosion limits:	n.a.
Upper explosion limits:	

**Auto-ignition temperature**

Solid:	> 200 °C
Density:	n.d.
Water solubility: (at 25 °C)	> 400 g/L
Partition coefficient:	log POW - 1,3 %

**Other information**

Bulk density 300 g/l  
Burning class: 5 (100 °C)

**SECTION 10: Stability and reactivity****Reactivity**

Not known.

**Chemical stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Not known.

**Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition.

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### Incompatible materials

Not known.

### Hazardous decomposition products

Sulphur dioxide

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	h
68439-57-6	Olefinic sulphonate				
	Acute oral toxicity	LD50	> 2000 mg/kg	Rat	
	Acute dermal toxicity	LD50	6300 mg/kg	Rabbit	
	Acute inhalation toxicity	LC50	52 mg/l	Rat	

#### Irritation and corrosivity

Irritating to skin.

Risk of serious damage to eyes.

#### Sensitising effects

Not classified.

#### Severe effects after repeated or prolonged exposure

Not classified.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Not classified.

#### Further information

Classification in compliance with the assessment procedure specified in the EC guidelines 1999/45/EG.

Based on experience gathered in various companies no detrimental effects to the health are known under the usual workplace hygiene-related circumstances.

## SECTION 12: Ecological information

### Toxicity

EC50 bacteria &gt; 1000 mg/l (DIN 38412 T.8)

LC50/96h Fish &gt; 1-10 mg/l (Zebra fish ) (OECD 203)

COD &lt; 1880 mg/g

CAS No	Chemical name				
	Aquatic toxicity	Method	Dose	Species	h
68439-57-6	Olefinic sulphonate				
	Acute fish toxicity	LC50	4,2 mg/l	Zebra fish	96
	Acute algae toxicity	ErC50	5,2 mg/l	Skeletonema costatum	72
	Acute crustacea toxicity	EC50	4,5 mg/l	Ceriodaphnia spec.	48

### Persistence and degradability

Product is biodegradable. (&gt; 80% (28 d) OECD 301 B

When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely.

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**Bioaccumulative potential**

Product has a low bioaccumulating potential.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
68439-57-6	Olefinic sulphonate	- 1,3

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

Not classified.

**Other adverse effects**

No data available.

**Further information**

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

Hazardous water pollutant.

**SECTION 13: Disposal considerations****Waste treatment methods****Advice on disposal**

Where possible recycling is preferred to disposal.

Can be incinerated together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

It is not possible to give this product a waste code number according to the European waste catalogue because only the intended use of the user consents the assignment of a specific code number. The waste code number must be agreed with the disposer / manufacturer / competent authority. May be taken to household waste disposal or incineration plant, but care for official regulations.

**Waste disposal number of waste from residues/unused products**

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing dangerous substances  
Classified as hazardous waste.

**Contaminated packaging**

Water

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

No hazardous material as defined by the transport regulations.

**Inland waterways transport****Other applicable information (inland waterways transport)**

No hazardous material as defined by the transport regulations.

**Marine transport****Other applicable information (marine transport)**

No hazardous material as defined by the transport regulations.

**Air transport****Other applicable information (air transport)**

No hazardous material as defined by the transport regulations.

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**Environmental hazards**

Dangerous for the environment: no

**Special precautions for user**

No specific precautions required.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

The transport takes place only in approved and appropriate packaging.

**SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 2 - water contaminating

**SECTION 16: Other information****Changes**

Changes in chapter: 1, 13

**Full text of R-phrases referred to under sections 2 and 3**

- |    |                                 |
|----|---------------------------------|
| 22 | Harmful if swallowed.           |
| 36 | Irritating to eyes.             |
| 38 | Irritating to skin.             |
| 41 | Risk of serious damage to eyes. |

**Full text of H-Statements referred to under sections 2 and 3**

- |      |                            |
|------|----------------------------|
| H315 | Causes skin irritation.    |
| H318 | Causes serious eye damage. |

**Further Information**

Data of items 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.

(n.a. = not applicable; n.d. = not determined)

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*