

Safety Data Sheet

SE Tylose GmbH & Co. KG

according to Regulation (EC) No. 1907/2006

Hostapur OSB

Print date: 15.08.2011

Product code: OSB_0001

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1. Identification of the substance/mixture and of the company/undertaking**Identification of the substance or mixture**

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Use of the substance/mixture

Chemical for use in construction

Company/undertaking identification

Company name: SE Tylose GmbH & CO. KG
Street: Rheingastr. 190 - 196
Place: D 65203 Wiesbaden
Contact person: Product Safety: Mrs. Kirchhöfer Telephone: + 49 611 962 6309
e-mail: product.safety@setylose.de
Internet: www.setylose.de
Responsible Department: Customer Service / Sales
+49 611 962 6325
reiner.posprich@setylose.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de
Emergency Telephone: GBK Gefahrgutbuero GmbH, Tel. +49(0)6132-98 29 0 21

Further Information

REACH registration number:
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.

2. Hazards identification**Classification**

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: 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.

Explication of special hazards for human health and environment

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

3. Composition/information on ingredients

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Hazardous components

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

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

4. 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.

Advice to doctor

Treat symptoms.

5. Fire-fighting measures
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 exposure hazards arising from substance or mixture itself, combustion products, resulting gases

 Sulphur dioxide (SO₂), Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

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

6. Accidental release measures
Personal precautions

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 for cleaning up/taking up

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

Flush away residues with water.

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Additional information

Information for disposal look up chapter 13.

7. Handling and storage**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.

Storage**Further information on storage conditions**

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

Storageclass (D): 11

8. Exposure controls/personal protection**Exposure limit values****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

Hand protectionProtective 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

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9. Physical and chemical properties**General information**

Physical state: Powder
Colour: Yellowish
Odour: Odourless

Important health, safety and environmental information

pH-Value (at 20 °C): 10-11 Test method: 10 g/l

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

Other information

Auto-ignition temperature
Solid: > 200 °C
Bulk density 300 g/l
Burning class: 5 (100 °C)

10. Stability and reactivity**Conditions to avoid**

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

Materials to avoid

Not known.

Hazardous decomposition products

Sulphur dioxide

11. Toxicological information**Irritation and corrosivity**

Irritating to skin.
Risk of serious damage to eyes.

Sensitizing effects

Not classified.

Severe effects after repeated or prolonged exposure

Not classified.

Carcinogenic/mutagenic/toxic effects for reproduction

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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.

12. Ecological information**Ecotoxicity**

EC50 bacteria > 1000 mg/l (DIN 38412 T.8)
LC50/96h Fish > 1-10 mg/l (Zebra fish) (OECD 203)
COD < 1880 mg/g

Persistence and degradability

Product is biodegradable. (> 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.

Bioaccumulative potential

Product has a low bioaccumulating potential.

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.

13. Disposal considerations**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

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Contaminated packaging

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

14. Transport information**Other applicable information**

No hazardous material as defined by the transport regulations.

15. Regulatory information**Labelling**

Danger symbols: Xi - Irritant

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Xi - Irritant

Hazardous components which must be listed on the labelOlefinic sulphonate
Potassium carbonate**R phrases**38 Irritating to skin.
41 Risk of serious damage to eyes.**S phrases**26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
28 After contact with skin, wash immediately with plenty of water .
37/39 Wear suitable gloves and eye/face protection.**Additional advice on labelling**

According to EC-regulations the product is to be labelled as follows:

GHS labellingSignal word: Danger
Pictograms: corrosion**Hazard statements**H315 Causes skin irritation.
H318 Causes serious eye damage.**National regulatory information**

Water contaminating class (D): 2 - water contaminating

16. Other information**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.

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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.)