

MATERIAL SAFETY DATA SHEET

Meets 91/155/EEC and ISO 11014-1

COMPANY DETAILS

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1 Product Identification

Product: **DUSTEX POWDER**
Chemical Family: Lignosulphonates

2 Composition/Information on Ingredients

Product Description: Calcium Lignosulphonate
CAS No.: 8061 52 7 (Calcium Lignosulphonate)
EINECS No.: 23 25 064 (Calcium Lignosulphonate)
Hazardous Components: None

3 Hazards Identification

Main Hazard: None
Flammability: Non-flammable
Chemical Hazard: None
Eye Effects – eyes: Not an eye irritant.
Health Effects –skin: Not a skin irritant.
Health Effects – ingestion: Not expected to be the primary route of exposure.
Health Effects – inhalation: May cause irritation to nasal tract.

4 First Aid Measures

Product in the eye:	Flush immediately with copious amounts of tap water. Seek medical attention if necessary.
Product on the skin:	Wash with water.
Product Ingested:	Drink water.
Inhalation:	Remove to fresh air.

5 Fire Fighting Measures

Extinguishing Media:	Water, Foam or Carbon Dioxide.
Protective Clothing:	Standard fire-fighting protective clothing is required.
Hazardous Decomposition Products:	Sulphur Dioxides, Carbon Monoxide

6 Accidental Release Measures

Personal Precaution:	Dust masks and safety goggles are recommended.
Environmental Precaution:	Do not discharge concentrated, undiluted product into lakes, streams, ponds, estuaries, oceans and other waters.
Spills:	Liquids: Dam area to prevent spill from spreading. Liquids/Solids/Powder: Minimize adverse effects on the environment. Recover as much as possible of pure product into appropriate containers. Later, determine if this recovered product can be used for its intended purpose.

7 Handling And Storage

Handling/Storage Precautions:	Store in a cool dry place. Dust masks and safety goggles are recommended. Eye-wash fountains in the work place are strongly recommended.
Incompatible Materials:	None

8 Exposure Controls/Personal Protection

TLV:	5mg/m ³ (inert organic dust)
Personal Protection – respiratory:	Dust masks to be worn during clean up operation or when powder is exposed.
Personal Protection – hand:	Product is not a skin irritant.
Personal Protection – eye:	Safety glasses are required.
Personal Protection – skin:	Product is not a skin irritant.
Other Protection:	Eye wash fountain in the workplace is strongly recommended. Ensure adequate ventilation.

9 Physical and Chemical Properties

Physical State:	Free flowing powder.
Colour:	Brown
Odour:	Very slight odour
pH (10% solution):	5.4 ± 3.0
Dry Matter:	Min. 93%
Bulk Density:	500 kg/m ³
Solubility:	Soluble in water
Solubility in Organic Solvents:	Very Low
Partition coefficient: (N-octanol/water)	Method for determination is not available for this product.
Vapour Pressure:	Not Applicable
Boiling Point/Range	Not Applicable
Melting Point/Range	> 130 deg. C
Flash Point:	Not Applicable
Explosive Properties:	None
Autoignition Temperature:	> 150 deg.C
Product Name: Dustex Powder 13 Dec 2006	Revision: 0

10 Stability and Reactivity

Hazardous Decomposition Products: Not known

Materials to Avoid: Not known

Conditions to Avoid: In common with many organic chemicals, the product may in certain circumstances form flammable dust clouds in air. The product is treated to minimize dust formation.

11 Toxicological Information

Acute Toxicity: LD₅₀ : > 5 g/kg

Skin Irritant: According to the OECD Guidelines No. 404, 1981, this product is not classified as a skin irritant.

Eye Irritant: According to the OECD Guidelines No. 405, 1981, this product is not classified as a skin irritant.

12 Ecological Information

Aquatic Toxicity – Fish: According to OECD Method No. 203 this product is classified as not fish toxic.

Aquatic Toxicity – Algae: No data available.

Biodegradability: According to OECD Method No. 302B, this product is classified as inherently biodegradable.

Summary: Not toxic or harmful to aquatic organisms.

13 Disposal Conditions

Disposal Method: Dispose in accordance with local/national regulations governing the disposal of waste materials.

Disposal of Packaging: Residues of packing may be incinerated unless local disposal regulations state otherwise.

14 Transport Regulations

Regulations: No transport regulations for this product.

References: Marpol, Annex II, Appendix III.

15 Regulatory Information

Information: Not classified as dangerous for supply or conveyance.

16 Other Information

None

The information on this Material Safety Data Sheet corresponds to the actual level of our knowledge. This information is not a product specification and cannot be a base for contractual use. The user of this product is responsible for the observation of existing laws and directives.