

MATERIAL SAFETY DATA SHEET

Meets 91/155/EEC and ISO 11014-1

PRODUCT NAME: DS-11-LB Dust Suppressant

IDENTIFICATION OF SUBSTANCE/PRODUCT AND COMPANY

Product Name: **DS-11-LB Dust Suppressant**
Contact Details: Tel No: 087 310 2500 or +27 11 412 3059. Emergency Tel No: 082 417 1762
Supplier: Nivitex Fibreglass & Resins

COMPOSITION / INFORMATION ON INGREDIENTS

Product Description: Calcium Lignosulphate
CASS NO: 8061 52 7 (Calcium Lignosulphate)
EINECES NO: 23 25 064 (Calcium Lignosulphate)
Hazardous Components: None

HAZARDS IDENTIFICATION

Important Hazards: None
Flammability: Non-flammable
Chemical Hazard: None

FIRST AID MEASURES

Inhalation: Remove to fresh air
Skin Contact: Wash with water
Eye Contact: Flush with water
Ingestion: Drink water

FIRE FIGHTING MEASURES

Extinguishing Media: Water, Foam or Carbon Dioxide
Protection of Fire-Fighters: Standard fire fighting protective clothing and respiratory mask is recommended
Hazardous Decomposition Products: Sulphur Oxides, Carbon Monoxide

ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid infiltration of large quantities into drains, surface water, groundwater and soil.
Personal Precautions: Respiratory protection, safety goggles and rubber gloves are recommended.
Spills and Clean Up: Dam area to prevent spill from spreading. Recover as much as possible of product into appropriate containers for disposal and thoroughly wash area with water.

HANDLING AND STORAGE

Handling: Ensure adequate ventilation when handling. Respiratory protection, safety goggles and rubber gloves are recommended. Eye wash fountains in the work place are strongly recommended.
Storage: Must be stored under dry cool conditions
Incompatible Materials: None

EXPOSURE CONTROL / PERSONAL PROTECTION

TLV (8hours): 5mg/m³
Personal Protection: Respiratory-Under normal conditions in the field and in normal use the smell of the product is reported as pleasant. However, hot **DS-11-LB Dust Suppressant** (.70 deg. Celsius) has been reported to have a mildly pungent aroma, which can be irritating for sensitive field workers exposed to the material at such elevated temperatures. Sensitive field workers can protect themselves by using a respirator should it be required.
Skin/Hands: Not a skin irritant, but gloves recommended.
Eyes: Not an eye irritant but safety goggles are required.
Technical Precautions: Ensure adequate ventilation

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PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous liquid
Colour:	Brown
Odour:	Very slight odour
pH (10% Solution):	3.5 +/- 1.0%
Dry Matter:	55.00 +/- 1.0%
Density (25 deg. Celsius):	1285 kg/m ³
Solubility:	Soluble in water
Solubility in Organic solvents:	Very low
Partition coefficient:	Method for determination is not applicable (N-octanol/water) for this product
Vapour Pressure:	Not applicable
Boiling Point/Range:	Not applicable
Melting point/Range:	>130 deg. Celsius
Flash Point:	Not applicable
Explosive Properties:	Not applicable
Auto ignition Temperature:	>150 deg. Celsius

STABILITY AND REACTIVITY

The product is stable for several years under dry cool storage conditions

Hazardous Decomposition Products:	Not Known
Materials to Avoid:	Not Known
Conditions to Avoid:	Not Known

TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD 50: .5g/kg
Local Effects:	None
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.404,1981, this product is not classified as a eye irritant

ECOLOGICAL INFORMATION

Aquatic Toxicity - Fish:	According to OECD method No 203, this product is classified as not fish toxic
Biodegradability:	According to OECD method No 302B, this product is classified as inherently bio gradable

DISPOSABLE CONSIDERATIONS

Disposal Methods:	Dispose in accordance with local/national regulations governing the disposal of waste materials
Disposal of Packaging:	Residues of packaging may be incinerated unless local disposal regulations state otherwise

TRANSPORT CONSIDERATIONS

Regulations:	Not known regulations for this product
References:	Marpol, Annex ii, Appendix iii

REGULATORY INFORMATION

Information:	Not classified as dangerous for supply or conveyance
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OTHER INFORMATION

None

The information on this Material Safety Data Sheet corresponds to the actual level of our knowledge. This information is not 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.