

GEARTH GEARTH DustControl Powder

MATERIAL SAFETY DATA SHEET

Environmentally friendly dust suppressant and surface stabiliser in powder form — sodium lignosulfonate formulation. Supplied in bulk bags.

1 IDENTIFICATION OF THE MATERIAL

Product Name	GEARTH DustControl Powder
Description	Environmentally friendly dust suppressant and surface stabiliser.
Product Packaging	600 kg bags
Supplier	GEARTH (Pty) Ltd
Address	96 Lazy River Road, Centurion, 0157, Gauteng, South Africa
Website / Email	www.gearth.co.za info@earth.co.za

EMERGENCY CONTACTS

GEARTH Office:	012 004 8183
Emergency Cell:	066 214 2274

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Sodium Lignosulfonate
CAS Number	8061-51-6
Content %	93%

3 HAZARDS IDENTIFICATION

Hazard Classification	Non-Hazardous, Non-Dangerous.
Risk Phrases	None allocated.
Safety Phrases	None allocated.

4 FIRST AID MEASURES

Inhalation	Move victim to fresh air.
Skin	Does not irritate.
Eyes	Flush with plenty of water ensuring eyelids are held open, for 15 minutes. Seek medical attention.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Give water to drink slowly. Seek medical attention.

5 FIRE FIGHTING MEASURES

Extinguishing Media	Use extinguishing media appropriate to surrounding fire. CO2 powder or water spray; fight larger fires with water spray or alcohol-resistant foam.
Special Method	Fire fighters to wear self-contained breathing apparatus in confined spaces or oxygen-deficient atmospheres. Full protective clothing recommended.
Specific Hazards	Formation of toxic gases possible during heating or fire. Carbon Monoxide, Carbon Dioxide, sulphur oxides (SOx) may be released.

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Ensure adequate ventilation. Avoid formation of dust. Keep away from ignition sources. Wear protective clothing.
Spills & Disposal	Do not allow to enter sewers or ground water. Pick up mechanically. Dispose of according to regulations.
7 HANDLING AND STORAGE	
Precautions	Prevent formation of dust. Regularly remove avoidable dust deposits. Ensure good ventilation and exhaustion at the workplace. Dust can combine with air to form an explosive mixture — keep away from ignition sources. Do not smoke. Protect against electrostatic charges.
Storage Conditions	Store only in original receptacle. Store away from oxidising agents. Keep in cool, dry, well-sealed conditions. Protect from humidity and water.
8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Control Parameters	No exposure standards available for this product.
Engineering Controls	Ensure adequate local exhaust ventilation to control dust.
Respiratory Protection	Dust mask recommended when working with large quantities.
Eye Protection	Safety goggles when handling in dusty conditions.
Hand Protection	Chemical-resistant gloves recommended.
9 PHYSICAL AND CHEMICAL PROPERTIES	
Form	Powder.
Appearance & Colour	Brown powder.
Odour	Characteristic.
Solubility in Water	Soluble.
Bulk Density	600 kg/m ³
pH Value	5–8
Flash Point	Not determined.
Flammability	Not determined.
10 STABILITY AND REACTIVITY	
Chemical Stability	No decomposition if stored according to specification.
Conditions to Avoid	No further relevant information available.
Materials to Avoid	No further relevant information available.
Hazardous Decomposition	None known.
11 TOXICOLOGICAL INFORMATION	
Inhalation	None.
Ingestion	None.
Skin	None.
Eyes	None.
12 ECOLOGICAL INFORMATION	
Ecotoxicity	No data available.
Bioaccumulation	No data available.
13 DISPOSAL CONSIDERATIONS	
Disposal Methods	Must be specially treated adhering to official regulations.

Container Disposal	Dispose in compliance with local authority requirements.
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14 TRANSPORT INFORMATION

Shipping Name	N/A
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Hazard Class	Not classified as Dangerous Goods for transport by Road or Rail.
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Packing Group	N/A
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15 REGULATORY INFORMATION

Chemical Safety Assessment	A chemical safety assessment has not been carried out.
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S-Phrase	Substance is not listed.
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16 OTHER INFORMATION

This MSDS summarises GEARTH's best knowledge of the health and safety hazard information available for this product and the measures required to handle and use it safely. Each user should read this MSDS in connection with their specific application and intended use.

Disclaimer: The information provided is correct to the best of our knowledge at the date of publication. It is intended only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not a warranty or quality specification. GEARTH (Pty) Ltd shall not be held liable for any damage resulting from handling or contact with this product.

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