



# SDS – HYDROTAC POWDER

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## Safety Data Sheet – HydroTac Powder

### Company Details:

Dust-A-Side Private Bag X119 Centurion  
0046  
Gauteng RSA

Tel: 012 648 8900  
Fax: 012 665 3456  
E-mail: [info@dustaside.com](mailto:info@dustaside.com)

### Emergency Telephone Numbers:

Group HSSE Manager	Mr. Presley Govender	082 060 7662
Production Manager	Ms. A Cronje	082 570 0958
Imperial Representative	Mr. Ricardo Basson	083 251 6051
Chief Technical Officer	Mr. F Masipa	082 768 9354
Rapid Spill	24h Response	0800 172 743

### 1. Product and Company Identification

Trade Name: HydroTac  
Chemical name: Calcium Lignosulphonate  
Hazchem-code: 8061 52 7 (Calcium Lignosulphonate)  
EINECS No: 23 25 064 (Calcium Lignosulphonate)  
Hazardous Composition: Non-hazardous

### 2. Composition / Information on Ingredients

Ingredient	CAS Number	EC Number	Content
Calcium Lignosulphonate	8061 52 7	617-124-1	>60%
Water	7732 18 5		<9%
Non- Hazardous ingredient	Not Available	Not Available	Remainder
Total			100%

### 3. Hazards Identification

#### NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK SOUTH AFRICA CRITERIA

HMIS/NFPA: Health: 1 Fire: 0 Reactivity: 0  
Main Hazard: Health (low)  
Flammability: Non-flammable  
Chemical Hazard: None  
Combustion products: Carbon dioxide

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**4. First-Aid Measures**

**Eye exposure:** **Effect:** Not an eye irritant. Care should be taken not to expose it to the eyes  
**First Aid:** Immediately flush with large volumes of clean cool water for 15 minutes. See a physician, preferably on Ophthalmologist for further evaluation.

**Skin exposure:** **Effect:** Not a skin irritant  
**First Aid:** Wash off water.

**Inhalation:** **Effect:** Exposure to powder may cause irritation to nasal tract.  
**First Aid:** Remove from exposure to fresh air. If symptoms persist seek medical attention.

**Ingestion:** **Effect:** Not likely to occur under normal use. Drink lots of water to dilute ingested product  
**First Aid:** Do not induce vomiting. Rinse mouth with water, and then drink a large amount of water. Seek immediate medical attention.

**5. Fire-Fighting Measures**

Specific hazard: Non-flammable.  
Extinguishing media: Water, foam and carbon Dioxide can be used as distinguishing media.  
Protective clothing: Standard fire-fighting clothing required  
Hazardous decomposition products: Decomposition products Sulphur dioxide and carbon Monoxide.

**6. Accidental Release Measures**

When cleaning spills (large or small), wear appropriate protective clothing.

**Refer to section 8 below, Exposure Controls / Personal Protection Equipment.**

**Spills:** When cleaning spillages, contain the contaminated area to prevent the spillage from spreading further. Keep out of municipal or storm water sewers and open bodies of water. Minimize adverse effects on the environment. Recover as much as possible of the neat product into appropriate containers.

**Environmental Precaution:** Do not discharge concentrated, undiluted product into lakes, streams, ponds, estuaries, oceans, and other water born areas

Any surface soil contaminated with the product should be shoveled into appropriate containers.

**Refer to section 13 below, Disposal Considerations, for the safe disposal of waste products.**

**7. Handling and Storage**

**Handling:** Avoid skin and eye contact and inhalation of powder dust. Use a dust mask, rubber gloves and safety goggles. Eye-wash fountains in the workplace are strongly recommended.

**Storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in section 10. Keep container closed when not use – check regularly for leaks.

**Incompatible Materials:** Incompatible with strong oxidizing agents.

## 8. Exposure Controls / Personal Protection

Wear appropriate protective clothing (**PPE**):

**Footwear:** Safety footwear  
**Respiratory protection:** Dust mask  
**Hand protection:** Rubber gloves  
**Eye protection:** Safety goggles and or other specified protective eyewear.  
**Head Protection:** Protective helmet where needed  
**Body protection:** Long sleeves overalls

## 9. Physical and Chemical Properties

**Appearance:** Brown free flowing powder with very slight odour.  
**Physical state:** Free flowing brown powder  
**Bulk Density:** 500kg/m<sup>3</sup>  
**pH:** 3.5 ± 1.0  
**Dry matter:** 93%  
**Water Solubility:** Total  
**Solubility in organic substances:** Very Low  
**Boiling point:** Not applicable  
**Odour:** Very slight  
**Melting Point (°C):** > 130 deg.C  
**Flash Point (°C):** Not applicable  
**Explosive Properties:** None  
**Autoignition Temperature:** > 150 deg.C

## 10. Stability and Reactivity

Stable under normal conditions  
Incompatible with strong oxidizing agents

## 11. Toxicological Information

**Acute Toxicity:** LD 50: > 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.

No adverse health effects expected if product is handled in accordance with this Safety Data Sheet and product label

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Long Term Effects: No information available for product.

**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.  
 (Lignosulphonates are used commercially as soil binders for dirt roads).  
 The residual chemical content will not cause toxic contamination of ground water.

**13. Disposal Considerations**

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.

The concentrated product, absorbed by suitable absorbents as described in Section 6, Accidental Release Measures, can be removed to a dumping site. Dispose according to local regulations.

**14. Regulatory Information**

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	None Allocated	None Allocated	None Allocated
14.2 Proper Shipping Name	None Allocated	None Allocated	None Allocated
14.3 Transport Hazard class	None Allocated	None Allocated	None Allocated
14.4 Packing Group	None Allocated	None Allocated	None Allocated

**15. Exposure limit**

Information: Not classified as dangerous for supply or conveyance. Non-hazardous.  
 Poison Schedule: Not Applicable.

**Other Information**

Literary Reference

This Safety Data Sheet meets the requirements of 91/155/EEC and ISO 11014-1.  
 Refer to the Product Bulletin for application details.