

	<b>MSDS – HYDROTAC</b>	Revision No.	001/HYDROTAC
		Revision Date.	30 NOV 2020
		Document No.	DASH-HSE-SDS02 HYDROTAC

## Material Safety Data Sheet – HydroTac

### Company Details:

DUST-A-SIDE HINCOL  
B 601, 6th Floor, Marathon Futurex  
N M Joshi Marg, Lower Parel, Mumbai 400013, India

### Emergency Telephone Numbers:

Tel: +92-22-23023250  
E-mail: corporate@dustasidehincol.in

### 1. Product and Company Identification

Trade Name: HydroTac  
Chemical name: Lignosulphonate  
Hazchem-code: CAS No: 8061-51-6 (Sodium Lignosulphonate)  
EINECS No: 23-25-059 (Sodium Lignosulphonate)  
Hazardous Composition: Non-hazardous

### 2. Composition / Information on Ingredients

Ingredient	CAS Number	EC Number	Content
Sodium Lignosulphonate	8061-51-6	617-124-1	46-49%
Non-Hazardous ingredient	Not Available	Not Available	Remainder

### 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

### 4. First-Aid Measures

**Eye exposure:** **Effect:** Direct contact may cause redness and irritation  
**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:** Direct prolonged contact may be irritating to the skin and produce itching, burning, and redness.  
**First Aid:** Remove contaminated clothing immediately. Wash off affected area thoroughly with lots of water. If irritation or other symptoms develops seek medical attention.

**Inhalation:** **Effect:** Exposure to mists may cause irritation to the nose and throat.  
**First Aid:** Remove from exposure to fresh air. If symptoms persist seek medical attention.



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### Ingestion:

**Effect:** Not likely to occur under normal use. May be harmful to the mouth, throat and stomach if ingested, although a specific toxic effect is not expected.

**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

The product is non-flammable. Water, foam and carbon Dioxide can be used as distinguishing media. Wear respirator (Pressure-demand, self-contained breathing apparatus) and full protective gear. 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.**

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. Minimise adverse effects on the environment. Recover as much as possible of the neat product into appropriate containers. Clay, soil, or commercially available adsorbents may be used to recover any material that cannot be recovered as neat product.

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

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

### 7. Handling and Storage

Should be handled like any chemical product. Do not store next to strong acids, alkaline and/or oxidisers. When handling, wear appropriate protective clothing. **Refer to section 8 below, Exposure Controls/Personal Protection Equipment.**

### 8. Exposure Controls / Personal Protection

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

Footwear:	Impermeable safety footwear
Respiratory protection:	When required
Hand protection:	Impervious rubber gloves
Eye protection:	Safety goggles and or other specified protective eyewear. When loading or unloading tanker, a face shield should be worn.
Head Protection:	Protective helmet
Body protection:	Long sleeves overalls and impervious jacket with apron

### 9. Physical and Chemical Properties

Appearance:	Viscous brown liquid
Density:	1.26g/ml @ 20°C
pH:	6.8



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Viscosity: 400mPas @ 20°C  
Water Solubility: Total  
Sodium: 13% of dry solids  
Odour: Very slight odour

### 10. Stability and Reactivity

Stable under normal conditions

### 11. Toxicological Information

**Signal Word:** HARMFUL

None of the components are listed as potential carcinogens  
None of the components are considered toxic

**Toxicity Test Data:** Non-toxic at 100% for Daphnia (water flea) and Poecilia (guppy fish)

### 12. Ecological Information

Product is classified as nontoxic to aquatic organisms and is classified as inherently biodegradable. However, large spill into natural water systems is expected to cause acute short term toxicity to aquatic life due to depletion of dissolved oxygen levels in the water. Once sufficient natural dilution has occurred no long term effects are expected. The main organic component will tend to bind soil particles together, and will naturally decompose over time (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

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

No exposure limits have been specifically investigated for this product. The primary risks would be associated with skin exposure, inhalation of mists and ingestion. Acute toxicity is not expected on skin exposure. Provided the product is rinsed off the skin promptly after exposure no long term effects are expected.

### 16. Other Information

Refer to the Product Bulletin for application details.