

TRUTH CHEMICAL

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The Woodlands, Texas 77381



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Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Product Name:	Dust Control 50
Product Composition:	Greater than 60% lignosulfonate CAS No.: 8061-53-8 52 to 54% water CAS No.: 7732-18-5
Chemical Family:	Lignin
Chemical Formula	Amorphous polymer

Section I – Company Identification

Manufacturer's Name: Truth Chemical	Emergency Telephone Number: CHEMTREC: (800) 424-9300
Address: 8701 New Trails, Suite 115 The Woodlands, TX 77381	Telephone Number for Information: (281) 292-6900
Date Prepared: November 12, 2004	Signature of Preparer: RFH

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
None known	N/A	N/A	N/A	N/A

Section III - Physical/Chemical Characteristics

Boiling Point:	101 to 103° C	Specific Gravity (H ₂ O = 1):	1.2 to 1.4
Vapor Pressure (mm Hg.):	Not known	Freezing Point:	Unknown
Vapor Density (AIR = 1):	Not known	Evaporation Rate	Unknown
pH:	3 to 4		
Solubility in Water: 100% soluble			
Appearance and Odor: Brown liquid with a slight odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Not applicable	Flammable Limits: Not applicable	LEL: N/A	UEL: N/A
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam.			
SPECIAL FIRE FIGHTING PROCEDURES: Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish fire using agent suitable for type of surrounding fire. Avoid breathing corrosive vapors; keep upwind.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None			



HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products may include toxic and corrosive fumes including carbon monoxide, carbon dioxide, and sulfur dioxide.

Section V - Reactivity Data

STABILITY:	Unstable Stable	X	Conditions to Avoid:
INCOMPATIBILITY (<i>Materials to Avoid</i>): Strong bases, oxidizers. Contact with strong bases can lead to the release of ammonia gas. Incompatible with brass, copper and aluminum.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition of liquor may emit fume of sulfur dioxide and carbon monoxide.			
HAZARDOUS POLYMERIZATION	May Occur Will Not Occur	X	CONDITIONS TO AVOID: Avoid strong bases and/or oxidants

Section VI - Health Hazard Data

ROUTE(S) OF ENTRY:	Inhalation: Possible by mist	Skin: Possible	Ingestion: Possible
HEALTH HAZARDS (<i>ACUTE AND CHRONIC</i>):			
SKIN CONTACT: May cause skin irritation. Symptoms may include reddening, swelling, scaling or blistering. May cause allergic skin reactions in sensitive individuals following repeated or prolonged use. Symptoms may include itching, dryness, and scaling.			
EYE CONTACT: May cause severe eye irritation. Symptoms may include burning, redness, swelling, and tissue damage.			
INHALATION: Inhalation of mists may cause severe respiratory tract irritation. Symptoms may include burning, coughing, and difficulty breathing. At high concentrations, may cause chemical pneumonitis and pulmonary edema. Chronic inhalation of mist may cause lung damage. Some individuals may become sensitized to sulfites, with asthma-like symptoms developing upon subsequent exposure.			
INGESTION: May cause gastrointestinal irritation. Symptoms may include nausea, vomiting, difficulty swallowing (swelling of throat), diarrhea and abdominal pain. Severe overexposure may cause circulatory disturbance, central nervous system depression, heart failure, unconsciousness and death from respiratory failure.			
NTP: Not a carcinogen	IARC Monographs: Not a carcinogen	OSHA Regulated: No	
CHRONIC EFFECTS: None known			
SIGNS AND SYMPTOMS OF EXPOSURE: No effects of overexposure to lignosulfonates are known			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Exposure may aggravate pre-existing skin, eye, and respiratory disorders.			
FIRST AID PROCEDURES:			
SKIN CONTACT: Remove contaminated clothing, jewelry and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). In case of chemical burns, cover area with sterile, dry dressing. Bandage securely, but not too tightly. Get medical attention immediately.			
EYE CONTACT: Wash eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention immediately.			
INHALATION: Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.			



INGESTION: If swallowed do not induce vomiting. If victim is fully conscious dilute stomach contents with large amounts of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Do not touch spilled material. For small spills, contain with an inert material (paper towels, spill control pillows, absorbent particulate). DO NOT neutralize with base. In the event of a large spill, contain by diluting with dry sand, sorbent booms, or other absorbent material. Prevent runoff into sewers, storm drains, surface waters, and soil. Follow facility-specific procedures for spill response. Isolate spill and ventilate the area. When cleaning spill, wear appropriate personal protective equipment including splash-proof safety goggles and chemical-resistant gloves. Move containers from spill area. Keep unnecessary people away. Isolate hazard area and deny entry.

WASTE DISPOSAL METHOD:

Do not dispose into the immediate environment. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Handle in accordance with good hygiene and safety procedures. Avoid inhalation, contact with eyes, skin or clothing.
Keep in a tightly closed container, stored in a cool, dry, ventilated area. Containers of this material may be hazardous when empty because they retain product residues (dusts, solids); observe all warnings and precautions listed for the product.

OTHER PRECAUTIONS: Do not permit contact with basic materials.

Section VIII - Control Measures

RESPIRATORY PROTECTION (*Specify Type*):

Use an acid gas respirator if decomposition products are present. Use ammonia gas respirator if the product is made alkaline.

VENTILATION	Local Exhaust: Provide local exhaust ventilation system.	Special: N/A
	Mechanical (<i>General</i>): N/A	Other: N/A

PROTECTIVE GLOVES:

Employee must wear appropriate protective gloves, such as neoprene or butyl gloves or gauntlets, to prevent contact with this substance.

EYE PROTECTION:

Employee must wear chemical splash goggles or a face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.

WORK/HYGIENIC PRACTICES:

Where there is any possibility that an employee's eyes and/or skin may be exposed to this substance, the employer should provide an eye wash fountain and quick-drench shower within the



immediate work area for emergency use.

Section IX – Transportation Information

NMFC:

The information provided is for domestic highway transportation only. This product may be regulated differently when shipped in other types of containers or by modes other than that addressed by this section of the MSDS.

Section X – Regulatory Information

TSCA Inventory Status: Not listed
TSCA 12(b) Components: Not listed
SARA 311/312 Hazard Categories: Not listed
SARA 313 Toxic Chemicals: Not listed
SARA 302 Extremely Hazardous Substances: Not listed
CERCLA Hazardous Substances: Not listed
California Proposition 65 Components: Not listed

Section XI- Other Information

HMIS Ratings: Health: 1; Flammability: 1; Reactivity: 0; Special: N/A
NFPA Ratings: Health: 1; Flammability: 0; Reactivity: 0; Other: N/A

DISCLAIMER:

This MSDS is furnished independent of product sale. Every effort was made to accurately describe this product. However, some of the data are obtained from sources beyond Truth Chemical's direct supervision. We cannot make any assertions as to its reliability or completeness. Therefore, the user may rely on it only at user's risk. We have made no effort to censor or conceal deleterious aspects of this product. Since Truth Chemical can not anticipate or control the conditions under which this information and product may be used, we make no guarantee that the precautions we have suggested will be adequate for all individuals and/or situations. It is the obligation of each user of this product to comply with the requirements of all applicable laws regarding the use and disposal of this product. Additional information will be furnished upon request to assist the user; however, neither warranty, either expressed or implied, nor liability of any nature with respect to this product or to the data herein is made or incurred hereunder.

REPLACES: June, 2004