



Material Safety Data Sheet

Section 1: Chemical product and Company Information

Product Name:

Setan H/T

Chemical Formula:

Proprietary

Chemical Name

Lignosulfonic acid

Contact information:

Setac Corporation

5905 Johnston Street

Suite E

Lafayette LA 70503

337-988-2236 Phone

337-988-2411 Fax

Section 2: Composition and Information on Ingredients

Composition:

Proprietary

Toxicological Data on Ingredients:

Contains small amount Tataric Acid as an ingredient

CAS No 87-69-4

Section 3: Hazardous Identification

Potential Acute Health Effects:

May cause irritation to eyes

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: None known

MUTAGENIC EFFECTS: None known

TERATOGENIC EFFECTS: None known

DEVELOPMENTAL TOXICITY: None known

Section 4: First Aid Measures

Eye Contact: May cause slight irritation due acidic pH. Rinse with water and seek medical attention if irritation persists. Do not use eye ointment.



Skin Contact:
Wash with soap and water. This product could cause slight skin irritation.

Serious Skin Contact:
No known serious irritation exists

Inhalation:
Hot liquid in a closed room may cause fumes. Use breathing apparatus==

Serious Inhalation:
Rest in well ventilated area. Seek medical attention.

Ingestion:
Do not induce vomiting. This product is acidic and large amounts may cause digestive problems. It is not considered edible. Possible stomach upset, diarrhea. Seek medical attention if symptoms persist

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperatures
Auto-Ignition Temperature: >342° C (649.4° F)
Flash Point: Unknown
Flammable Limits: Not Available
Products of Combustion: Not Available
Fire Hazards in Presence of Various Substances: Not Available
Explosion Hazardous in Presence of Various Substances: Not Available
Fire Fighting Media and Instructions:
SMALL FIRE: water spray, CO2, dry chemical
LARGE FIRE: Use water spray, fog or foam.
Special Remarks on Fire Hazards: Do not breath fumes
Special Remarks on Explosion Hazards: Not Available

Small Spill: Adsorb with an inert material and put in an appropriate waste disposal
Large Spill: Adsorb with an inert material and put the spilled material in an approved land -fill, or appropriate disposal location

Section 7: Handling and Storage

Precautions:
Keep away from heat. Keep away from sources of ignition. Evaporate the residue under a fume hood. Do not breath fumes/vapor/spray.

Storage:
Keep container dry. Keep in cool place. Keep container tightly closed. Keep in cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations are proximal to the workstation location.

Personal Protection: Safety glasses. Lab Coat

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; Consult a specialist BEFORE handling this product.

Exposure limits: Not Available

Section 9: Physical and Chemical Properties

Physical State and Appearance: Dark brown liquid

Odor: Burnt sugar

Taste: Not Available

pH (1% solution/water) 4.0 -5.5

Boiling Point: 212° F

Melting Point: Not applicable

Dispersion properties: Soluble in water

Solubility: 50% Solubility in water

Section 10: Stability and Reactivity Data

Stability: Stable

Incompatibility with various substances: strong oxidizing agents

Polymerization: No

Section 11: Toxicological Information

Routes of Entry: Ingestion

Toxicity to Animals: None known

Chronic Effects on Humans: None known

Other Toxic Effects on Humans:

This product is considered essentially harmless

Section 12: Ecological Information

Ecotoxicity: Not available

BOD5 and COD: Not available

Products of Biodegradation: None known



Section 13: Disposal Considerations

Disposal:

USA: This material is exempt from Toxic Substances Control Act (TSCA) regulation CFR 710) when skin is exposed.

EC: Contains small amount of Tataric Acid as an ingredient

Section 14: Transport Information

Not a DOT controlled material

WHMIS (Canada) Not controlled under WHMIS (Canada)

HMIS

Health hazard-1

Fire Hazard- 0

Reactivity -0

Personal Protection-C

National Fire Protection Association

Health hazard- 1

Fire Hazard- 0

Reactivity -0

Protective Equipment:

Glasses, Synthetic apron, Gloves

Other Information

Date: 2/08/07

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