

Tech Hib S 220

Safety Data Sheet 29 CFR 1910.1200



Section 1: Company and Product Identification

Product Name: Tech Hib S 220

Company: L Chem-Tech Co
PO Box 2138
Graham, TX 76450
800-524-2154

Emergency Response: 800-424-9300

Section 2: Hazards Identification

GHS07

GHS02

GHS05

BLANK

Hazard Pictograms:



Signal Word: Danger

Hazard Category: Sensitization, skin Cat 1
Acute tox, oral Cat 4
Corrosive to metals Cat 1

Hazard Category: Acute tox, inh. Cat 4
Serious eye damage/eye irritation Cat 1

Hazard Statements: H317: May cause an allergic skin reaction
H302: Harmful if swallowed
H290: May be corrosive to metals
H332: Harmful if inhaled
H318: Causes serious eye damage

Precautionary Statements: P302+352: IF ON SKIN: Wash with soap and water
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P501: Dispose of contents/container in accordance with local/regional/national/international rules.
P363: Wash contaminated clothing before reuse
P321: Specific treatment (see ... on this label)
P272: Contaminated work clothing should not be allowed out of the workplace
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove
P310: Immediately call a POISON CENTER or doctor/physician
P406: Store in a corrosive resistant/... container with a resistant inner liner
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P391: Collect spillage
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you
P330: Rinse mouth
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position
P405: Store locked up

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Methanol	Flammable Liquid	67-56-1	
Phosphoric Acid	Toxic/Corrosive	7664-38-2	
Nonylphenol Polyethylene Glycol Ether	NI	127087-87-0	
Poly (Ethylene Oxide)	NI	25322-68-3	
Dinonylphenyl Polyoxyethylene	NI	9014-93-1	

Section 4: First Aid Measures

* Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

If ingested: Rinse mouth. Seek immediate medical attention.

If inhaled: Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Eye contact: Immediately flush eyes with plenty of water for at least 20 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact: Remove contaminated clothes. Rinse affected area with water thoroughly for at least 20 minutes. Get medical advice if irritation develops or persists.

Section 5: Fire Fighting Measures

Extinguishing Large Fire; Water spray, fog or regular foam. Small Fire; Dry chemical, CO₂, water spray or Method / Equipment: regular foam.

Hazardous Some may burn but none ignite readily, Containers may explode when heated, some may be

Decomposition Info: transported hot.

Section 6: Accidental Release Measures

Personal precautions, Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all protective equipment ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate and procedures: protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Containment Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled Equipment and material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading Procedures: material.

Cleanup Procedures: Collect all contaminated clay, media, or other cleanup materials into a waste receptacle.

Section 7: Handling and Storage

Safe Handling Do not handle until all safety precautions have been read and understood. Ensure adequate

Precautions: ventilation. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Do not eat, drink or smoke when using this product. contaminated work clothing should not be allowed out of the workplace.

Section 8: Exposure Control / Personal Protection

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: Wear safety goggles or face shield.

Respiratory Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if Protection: ventilation is inadequate.

Additional Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash Information: hands or exposed skin after using the product.

Substances with Exposure Limit	CAS#	ACGIH-TLV	OSHA-PEL
Methanol	67-56-1	250 ppm	250 ppm
Phosphoric Acid	7664-38-2	NI	1 ppm
Poly (Ethylene Oxide)	25322-68-3	NI	NI

Section 9: Physical and Chemical Properties

State: Liquid

Melting Point: NI

Freezing Point: NI

Color: Clear

Boiling Point/Range: NI

pH NI

Sp Grav: 1.05888

Odor: Bland

Water Solubility: Soluble

Evaporation rate: NI

Flash Point: 105 F

Upper Flam Limits: NI

Lower Flam Limits: NI

Vapor Pressure: NI

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use. Avoid open flame and ignition sources.

Incompatible materials: Strong oxidizing agents, strong acids.

Section 11: Toxicological Information

General Information: Contains solvents which may be harmful in contact with skin or if inhaled.

Toxicological Information (product): Inhalation of material may be harmful. Contact may cause burns to skin and eyes. Inhalation of Asbestos dust may have a damaging effect on the lungs. Fire may produce irritating, corrosive and/or toxic gases. Some liquids produce vapors that may cause dizziness or suffocation. Runoff from fire control may cause pollution.

Likely Routes of Inhalation of vapors, dermal

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Methanol	5.6-13 g/kg (Rat)	20 ml/kg (Rabbit)	64,000 ppm (Rat)	

Section 12: Ecological Information (Non-Mandatory)

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.

Container disposal: Treat empty containers with extra care. Consult waste contractor.

Section 14: Transport Information

DOT: UN 1993, Flammable Liquid, n.o.s., (contains Methanol), 3, PGII

Section 15: Regulatory Information

TSCA: All components listed on the TSCA 8(b) inventory.

CERCLA RQ: Methanol

SARA 311/312: Product is an acute and chronic hazard. (Immediate, delayed, Fire)

SARA 313 Methanol

WHMIS: Product contains disclosure substances (See Section 3).

Section 16: Other Information

SDS Author: S.Oakes

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