

Tech Hib BXGL 2550

Safety Data Sheet 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Tech Hib BXGL 2550
Company: L Chem-Tech, Inc.
254 West industrial BLVD
Graham, Texas 76450
940-521-9044
Emergency Response: 1-800-633-8253 (PERS-Customer No. 10707)

Section 2: Hazards Identification

Hazard Pictograms:



Signal Word: Danger

Hazard Category: Aspiration hazard Cat 1
Sensitization, resp. Cat 1
Skin corrosion/irritation Cat 1
Serious eye damage/eye irritation Cat 1
Corrosive to metals Cat 1
Hazard to aquatic environment, acute Cat 1
Flammable Liq Cat 2
Acute tox, oral Cat 3
Acute tox, inh. Cat 3
Specific target organ tox, single exp. Cat 3 (resp irrit)

Hazard Statements: H304: May be fatal if swallowed and enters airways
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
H314: Causes severe skin burns and eye damage
H318: Causes serious eye damage
H290: May be corrosive to metals
H400: Very toxic to aquatic life
H225: Highly flammable liquid and vapour
H301: Toxic if swallowed
H331: Toxic if inhaled
H335: May cause respiratory irritation

Precautionary Statements: P270: Do not eat, drink or smoke when using this product
P406: Store in a corrosive resistant/... container with a resistant inner liner
P273: Avoid release to the environment
P330: Rinse mouth
P264: Wash thoroughly after handling
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P501: Dispose of contents/container in accordance with local/regional/national/international rules.
P234: Keep only in original container
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P363: Wash contaminated clothing before reuse
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P310: Immediately call a POISON CENTER or doctor/physician
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P302+352: IF ON SKIN: Wash with soap and water
P321: Specific treatment (see ... on this label)
P405: Store locked up
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all

P391: Collect spillage
 P301+310: IF SWALLOWED: Immediately call a POISON CENTER or
 P403+233: Store in a well ventilated place. Keep container tightly closed
 P311: Call a POISON CENTER or doctor/physician
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P271: Use only outdoors or in a well-ventilated area
 P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
 P272: Contaminated work clothing should not be allowed out of the workplace
 P285: In case of inadequate ventilation wear respiratory protection
 P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
 P312: Call a POISON CENTER or doctor/physician if you feel unwell

Section 3: Composition / Information on Ingredients

	Hazardous substance (name)	Hazard Category	CAS#	Weight %
QUAT	25% Glutaraldehyde	NI	111-30-8	Proprietary
	Methanol	Flammable Liquid	67-56-1	Proprietary
	Benzenemethanium, N-(3-aminopropyl)-N,N-dimethyl-, Ncocoacyl Derivs, Chlorides	NI	61789-70-6	Proprietary
	Isopropanol	Flammable Liquid	67-63-0	Proprietary
	Amides, Coco	NI	68140-01-2	Proprietary

Section 4: First Aid Measures

General Info: Do not use mouth-to-mouth if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Notable Exposure symptoms: May cause drowsiness, dizziness, headache, nausea, vomiting, or coma may occur - seek medical attention immediately.

If ingested: severe irritation and burning of the linings of the mouth, throat, and stomach may occur.

If inhaled: Coughing and shortness of breath may result. Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms continue.

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

Skin contact: Irritation or redness of the skin may develop after exposure. Rinse area thoroughly with mild soap and water flush with lukewarm water for 20 minutes. Obtain emergency medical treatment if irritation persists

Section 5: Fire Fighting Measures

General Info: Some may burn but none ignite readily. Containers may explode when heated. Some may be transported hot. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.

Extinguishing Method / Water spray, fog or regular foam, Dry chemical, CO2. Do not scatter spilled material with high pressure water streams. Move containers from fire area if you can do it without risk. Dike fire-

Equipment: control water for later disposal.

Hazardous Decomposition Constituents associated with burning / combustion are to be considered toxic.

Decomposition

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources. Wear appropriate 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: Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading. prevent entry into waterways, sewers, basements, or confined areas.
Procedures: confined areas.
 Small Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. take up with sand or other non-combustible absorbent
Cleanup 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. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.
Controls:
Work Clothing: Protective work clothing which covers skin and prevents exposures.
Eye/face Wear safety goggles or face shield.
Skin Protection: Wear protective gloves/protective clothing/eye protection/face protection
Respiratory Protection: Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL
Glutaraldehyde	111-30-8	0.05 ppm	NI
Methanol	67-56-1	200 ppm	NI
Isopropanol	67-63-0	200 ppm	400 ppm

Section 9: Physical and Chemical Properties

State: Liquid	Melting Point: NI	Freezing Point: NI
Color: Amber	Boiling Point/Range: NI	pH NI
Sp Grav: 0.982	Odor: Bland	Water Solubility: Soluble
Evaporation rate: NI	Flash Point: 105 F	Part. Coeff (n-octanol/water) NI
Upper Flam Limits: NI	Lower Flam Limits: NI	Vapor Pressure: NI
VOC Content (lbs/gal): NI	Viscosity: NI	Autoignition Temp: NI

Section 10: Stability and Reactivity

General: soluble in water, react as acids to neutralize bases. Slowly releases hydrogen chloride.

Section 11: Toxicological Information

General Toxic inhalation, ingestion or skin contact with material may cause severe injury or death.
Toxicological Information 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, (product): 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 Exposure: inhalation, ingestion, dermal

Toxicological Information (contained substances)				
Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Glutaraldehyde	316 mg/kg (Rat)	>2,000 mg/kg (rabbit)	0.35 mg/l/4h (rat)	
Isopropanol	5,045 mg/kg (Rat)	12,800 mg/kg (Rabbit)	12,000 ppm/8h	

Section 12: Ecological Information (Non-Mandatory)

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

Toxicological Information Product has not been tested. Solvent vapors may cause drowsiness or dizziness. Prolonged inhalation may be harmful to human health. Irritating in case of skin or eye contact. May be (product): harmful if swallowed or in contact with skin.

Toxicological Information (contained substances)

Hazardous substance (name)	LC50 Fish	EC50 Daphnia	EC50 Other aquatic	Log Pow
Glutaraldehyde	13 mg/L 96h	16.3 mg/l 48h	465 mg/l 96h (<i>Carcinus maenas</i>)	NI
Isopropanol	9640 mg/L 96h 11130 mg/L 96h	13299 mg/L 48h 9714 mg/L 24h	1000 mg/L 72h 1000 mg/L 96h (freshwater algae)	0.05

Persistence and degradability Rapidly degradable

Bioaccumulative potential: Not likely

Mobility in soil: Mobile

General Avoid release to the environment.

Section 13: Disposal Information (Non-Mandatory)

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

Section 14: Transport Information (Non-Mandatory)

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

Section 15: Regulatory Information (Non-Mandatory)

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

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

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

Section 16: Other Information

SDS Author: JMW

Version Date: June-20

Disclaimers
Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this SDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied regarding its correctness.
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