

Tech Hib C 448

Safety Data Sheet
29 CFR 1910.1200



Section 1: Company and Product Identification

Product Name: Tech Hib C 448
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

GHS07

GHS08

GHS05

BLANK

Hazard Pictograms:



Signal Word: Danger

Hazard Category: Specific target organ tox, single exp. Cat 2
Serious eye damage/eye irritation Cat 1
Skin corrosion/irritation Cat 2
Hazard to aquatic environment, chronic Cat 4
Acute tox, oral Cat 4
Acute tox, inh. Cat 4

Hazard Statements: H371: May cause damage to organs
H318: Causes serious eye damage
H315: Causes skin irritation
H413: May cause long lasting harmful effects to aquatic life
H302: Harmful if swallowed
H332: Harmful if inhaled

Precautionary Statements: P102: Keep out of reach of children
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P270: Do not eat, drink or smoke when using this product
P262: Do not get in eyes, on skin, or on clothing
P242: Use only non-sparking tools
P281: Use personal protective equipment as required
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233: Keep container tightly closed
P264: Wash thoroughly after handling
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Fatty Acids, Tall -oil, Maleated, Esters with Diethylene Glycol, Potassium Salts	NI	154730-82-2	Proprietary
Ethanol, 2-Amino	Flammable Liquid	141-43-5	Proprietary
Nonylphenol, Ethoxylated	NI	127087-87-0	Proprietary
Tall Oil Reaction Products with Diethylenetriamine	NI	68140-14-7	Proprietary
Poly (Ethylene oxide)	NI	25322-68-3	Proprietary

Section 4: First Aid Measures

General Info: Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation. Do not eat or drink or smoke while using this product.

Notable Exposure symptoms: Serious eye irritation. Severe skin irritation and possible burns. Severe burns of mouth, throat and stomach, Severe scarring of tissue and death may result; Bleeding, vomiting, diarrhea and drop in blood pressure. Coughing and shortness of breath may result.

If ingested: Wash out mouth with water. Remove dentures, if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if exposed person feels sick as vomiting may be dangerous. Do Not induce vomiting unless directed to do so by medical personnel.

If inhaled: Get Medical attention immediately. Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Eye contact: Get medical attention immediately. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Chemical burns must be treated by a physician.

Skin contact: Get Medical attention immediately. Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Remove contaminated clothing and shoes. Chemical burns must be treated by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 5: Fire Fighting Measures

General Info: While not normally combustible, material may release flammable vapors if exposed to high temperature. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Vapors may be heavier than air, may travel long distances along ground before igniting or flashing back to vapor source. Fight fires from upwind position.

Extinguishing Method / Equipment: Use Extinguishing media appropriate for material in surrounding media. Any extinguishing media known will extinguish fires of this product.

Hazardous Decomposition Info: Decomposition products depend upon temperature, air supply and the presence of other materials. When heated to decomposition, this product may burn releasing combustion products which may be toxic, including carbon oxides, nitrogen oxides, and acrid smoke with irritating fumes.

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 (no smoking, flares, sparks, or flames in immediate area). 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 Equipment and Procedures: Large Spills: Eliminate all ignition sources. Stop the spill at the source if safe to do so and contain spilled material to prevent runoff.

Small Spills: Stop spill if possible without risk. Move containers from spill area. Absorb with an inert material.

Cleanup Procedures: Dispose of waste according to applicable legislation.

Section 7: Handling and Storage

Safe Handling Precautions: Ground lines, containers, and other equipment used during product transfer to reduce the possibility of a static induced spark. Use non-sparking tools and explosion proof equipment.

Prevent breathing vapors or mist. Do not get this material in your eyes, on your skin or on your clothing. Prevent damage to container.

Recommendations for Storage: Store in tightly closed polyethylene, plastic, lined steel or stainless steel containers in cool, dry, well ventilated area away from heat, sources of ignition and incompatible materials. Do not store in an unlabeled container. Store drums with bungs in up position.

Incompatibilities: Oxidizing materials and reducing materials.

Section 8: Exposure Control / Personal Protection

General / Engineering Local exhaust or general room ventilation is required. Emergency eye wash fountains and
Controls: safety showers should be available in the immediate vicinity of any potential exposure.

Work Clothing: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Contact lenses must not be worn. Wear splash goggles or face shield.

Skin Protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits or the selected respirator. Use of Adequate ventilation is a good industrial practice.

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL
Ethanol, 2-Amino	141-43-5	3 ppm	3 ppm
Poly (Ethylene Oxide)	25322-68-3	NI	NI

Section 9: Physical and Chemical Properties

State: Liquid	Melting Point: NI	Freezing Point: NI
Color: Amber	Boiling Point/Range: 180 F	pH: NI
Sp Grav: 0.9466	Odor: Alcohol/Irritant	Water Solubility: NI
Evaporation rate: NI	Flash Point: 105 F	Part. Coeff (n-octanol/water): NI
Upper Flam Limits: NI	Lower Flam Limits: NI	Vapor Pressure: 40
VOC Content (lbs/gal): NI	Viscosity: NI	Autoignition Temp: NI

Section 10: Stability and Reactivity

General: Stable under normal conditions, avoid heat, sparks, open flames and other ignition sources, avoid temperatures exceeding the flash point. Avoid contact with incompatible materials.

Incompatible materials: Oxidizing materials and reducing materials.

Decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. When heated to decomposition, this product may burn releasing combustion products which may be toxic, including carbon oxides and smoke.

Section 11: Toxicological Information

General Information: May cause damage to the lungs, skin or eyes.

Toxicological Information (product): Serious eye irritation may develop on exposure. Contact with skin causes severe irritation and possible burns.

Likely Routes of Exposure: Inhalation, dermal, ingestion

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Ethanol, 2-Amino-	700 mg/kg (Mouse)	1000 mg/kg (Rabbit)	NI	
Nonylphenol, Ethoxylated	2.68-5.21 ml/kg (Rat)	2.93-5.37 ml/kg (Rabbit)	NI	

Section 12: Ecological Information (Non-Mandatory)

Section 13: Disposal Information (Non-Mandatory)

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 (Non-Mandatory)

DOT: Not Regulated

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

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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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