

Tech Hib C 365





Safety Data Sheet 29 CFR 1910.1200



Section 1: Company and Product Identification

Product Name: Tech Hib C 365
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: Warning

Hazard Category: Skin corrosion/irritation Cat 1
Serious eye damage/eye irritation Cat 1
Aspiration hazard Cat 2
Flammable Liq Cat 3
Sensitization, skin Cat 1
Specific target organ tox, single exp. Cat 2

Hazard Statements: H314: Causes severe skin burns and eye damage
H318: Causes serious eye damage
H305: May be harmful if swallowed and enters airways
H226: Flammable liquid and vapour
H317: May cause an allergic skin reaction
H371: May cause damage to organs

Precautionary Statements: P260: Do not breathe dust/fume/gas/mist/vapours/spray
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P262: Do not get in eyes, on skin, or on clothing
P270: Do not eat, drink or smoke when using this product
P281: Use personal protective equipment as required
P285: In case of inadequate ventilation wear respiratory protection
P264: Wash thoroughly after handling
P211: Do not spray on an open flame or other ignition source
P240: Ground/bond container and receiving equipment
P242: Use only non-sparking tools
P381: Eliminate all ignition sources if safe to do so
P371+380+375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion
P285: In case of inadequate ventilation wear respiratory protection
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P302+352: IF ON SKIN: Wash with soap and water
P361: Remove/Take off immediately all contaminated clothing
P264: Wash thoroughly after handling
P391: Collect spillage
P403+235: Store in a well ventilated place. Keep cool
P233: Keep container tightly closed
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P102: Keep out of reach of children
P501: Dispose of contents/container in accordance with local/regional/national/international rules.

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
2-Propanol	Flammable Liquid	67-63-0	Proprietary
Methanecarboxylic Acid	NI	64-19-7	Proprietary
Methanol	Flammable Liquid	67-56-1	Proprietary
Benzenemethanium, Ncocoacyl Derivs, Chlorides	NI	61789-70-6	Proprietary
Amides, coco	NI	68140-01-2	Proprietary
Fatty Cids, tall-oil, Maleated, Esters with diethylene glycol, Potassium	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

Section 4: First Aid Measures

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

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. Give lukewarm water (pint) and induce vomiting. Seek immediate medical attention.

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 or persists.

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: Product contains flammable solvents. Isolate any uncompromised product from area if possible. Do not breathe fumes.

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, water spray, and water fog. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

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.

Containment: Large Spills: – Eliminate all ignition sources (flames, electric sparks) Persons not wearing

Equipment and Procedures: protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank.

Cleanup Procedures: Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

Section 7: Handling and Storage

Safe Handling Precautions: 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. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendations for Storage: Store in cool area in product container away from sources of ignition or flame.

Incompatibilities: Store away from strong acids or oxidizing agents. Refer to Section 10.

Section 8: Exposure Control / Personal Protection

General / Local exhaust ventilation should be utilized to control vapors / substances below exposure limits.

Engineering Eye wash facilities must be available when handling this product.

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

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

Skin Protection: Wear solvent resistant gloves.

Respiratory Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if

Protection: ventilation is inadequate.

Substances with Exposure Limit	CAS#	ACGIH-TLV	OSHA-PEL
2-Propanol	67-63-0	200 ppm	400 ppm
Methanecarboxylic Acid	64-19-7	10 ppm	10 ppm
Methanol	67-56-1	250 ppm	250 ppm
Ethanol, 2-amino	141-43-5	250 ppm	250 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: 1.0233	Odor: Bland	Water Soluble: Soluble
Evaporation rate: NI	Flash Point: 105 F	Solubility: 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: This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Avoid open flame and ignition sources.

Incompatible materials: Strong oxidizing agents i.e. hydrogen peroxide, bromine, chromic acid, strong acids and strong alkalis

Decomposition products: Incomplete combustion may release poisonous carbon monoxide and oxides and/or compounds of nitrogen.

Section 11: Toxicological Information

General Information: 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

information (product): inhalation may be harmful to human health. Irritating in case of skin or eye contact. May be harmful if swallowed or in contact with skin.

Likely Routes of Exposure: Inhalation of vapors, dermal

Exposure:

Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Quaternary Ammonium compounds, Benzyl-C12-16 Alkyldimethyl Chlorides	50-500 mg/kg (Rat)	>2000 mg/kg (Rabbit)	< 0.51 mg/L	Fatal if inhaled. Toxic if swallowed
Methanol	5.6-13 g/kg (Rat)	20 ml/kg (Rabbit)	64,000 ppm (Rat)	
2-Propanol	5,045 mg/kg (Rat)	12,800 ml/kg (Rabbit)	12,000 ppm (Rat)	
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. Contains low levels of flammable solvents.

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

CERCLA RQ: Methanecarboxylic

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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Version Date:

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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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