



## Section 1: Company and Product Identification

**Product Name:** Tech Treat 398  
**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:** Flammable Liq Cat 3  
 Skin corrosion/irritation Cat 2  
 Serious eye damage/eye irritation Cat 2  
 Specific target organ tox, single exp. Cat 1  
 Specific target organ tox, single exp. Cat 3 (narcotic effects)  
 Specific target organ tox, repeat exp. Cat 2  
 Aspiration hazard Cat 1  
 Carcinogenicity Cat 2  
 Reproductive tox Cat 2  
 Acute tox, oral Cat 4

**Hazard Statements:** H226: Flammable liquid and vapour  
 H315: Causes skin irritation  
 H319: Causes serious eye irritation  
 H370: Causes damage to organs  
 H336: May cause drowsiness or dizziness  
 H373: May cause damage to organs through prolonged or repeated exposure  
 H315: Causes skin irritation  
 H319: Causes serious eye irritation  
 H351: Suspected of causing cancer  
 H302: Harmful if swallowed

**Precautionary Statements:** P202: Do not handle until all safety precautions have been read and understood  
 P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
 P331: Do NOT induce vomiting  
 P280: Wear protective gloves/protective clothing/eye protection/face protection  
 P308+313: IF exposed or concerned: Get medical advice/attention  
 P102: Keep out of reach of children  
 P270: Do not eat, drink or smoke when using this product  
 P243: Take precautionary measures against static discharge

## Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Acetone	Flammable Liquid	67-64-1	Proprietary
Heptane	Flammable Liquid	426260-76-6	Proprietary
Hexane	Flammable Liquid	110-54-3	Proprietary
Isopropyl Alcohol	Flammable Liquid	67-63-0	Proprietary
Methanol	Flammable Liquid	67-56-1	Proprietary
Mineral Spirits	Flammable Liquid	64742-48-9	Proprietary
Toluene	Flammable Liquid	108-88-3	Proprietary
Xylene	Flammable Liquid	1330-20-7	Proprietary

#### Section 4: First Aid Measures

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**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:** DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out with water. Contact a physician or poison control center immediately. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

**If inhaled:** Move person to fresh air, if they have a problem breathing, show signs of overexposure or feel unwell obtain medical attention.

**Eye contact:** Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, if irritation persists obtain immediate medical attention.

**Skin contact:** Immediately wash contaminated skin with a nonabrasive soap and plenty of water for at least 15 minutes, Remove any contaminated clothing and wash before reuse, if irritation is present or occurs obtain medical attention

#### Section 5: Fire Fighting Measures

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

**Extinguishing Method / Equipment:** Suitable Use; Dry chemicals, CO<sub>2</sub>, alcohol foam. Water spray to cool or protect exposed materials. Unsuitable Use; avoid using a water stream. Product will float upon water and could spread any fire.

**Hazardous Decomposition Info:** Burning or thermal decomposition can produce, aldehydes, carbon monoxide, carbon dioxide, unburned hydrocarbons, and other toxic fumes.

#### Section 6: Accidental Release Measures

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**Personal precautions, protective equipment:** Warn personnel to move away and stay upwind from spill. Eliminate ignition sources and ventilate area. Safety glasses, chemical gloves, approved respirator, chemical apron and rubber boots

**Containment Equipment:** Use sand or inert non-combustible absorbent pads to prevent spill from spreading

**Cleanup Procedures:** Use sand or inert non-combustible absorbent pads or material and place in a chemical waste disposal container

#### Section 7: Handling and Storage

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**Safe Handling Precautions:** DANGER, HIGHLY FLAMMABLE LIQUID, Keep away from incompatible materials, heat, sparks, electrical equipment, fire and all ignition sources, Use appropriate safety equipment, Avoid eye and skin contact, Avoid inhalation of mist, vapors or fumes, May cause respiratory irritation and/or drowsiness or dizziness, harmful if inhaled, Harmful if swallowed, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment, Avoid free fall of liquid, Ground containers when transferring, Empty containers are very hazardous, Do not flame cut, saw or drill near.

**Recommendations for Storage:** Keep container closed when not in use, Store in a well-ventilated area and away from incompatible materials, Store away from heat, sparks, open flames or hot surfaces, Vapors may spread long distances and ignite explosively, Store below 49 F and in accordance with Class 1 B Flammable Liquids

**Incompatibilities:** Incompatible with, strong oxidizing agents, strong bases, strong acids.

#### Section 8: Exposure Control / Personal Protection

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**General / Engineering Controls:** Ventilate to keep vapors or this material below the lowest ppm listed above. If over TLV, in accordance with 29 CFR 1910.134, use a MSHA/NIOSH approved positive-pressure self-

**Controls:** contained breathing apparatus

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

Substances with Exposure Limit	CAS#	ACGIH-TLV	OSHA-PEL
Acetone	67-64-1	500 ppm	NI
Heptane	426260-76-6	400 ppm	400 ppm
Hexane	110-54-3	50 ppm	500 ppm
Isopropyl Alcohol	67-63-0	200 ppm	400 ppm
Methanol	67-56-1	200 ppm	250 ppm
Mineral Spirits	64742-48-9	100 ppm	NI
Toluene	108-88-3	20 ppm	200 ppm
Xylene	1330-20-7	100 ppm	100 ppm

### Section 9: Physical and Chemical Properties

State: Liquid	Melting Point: ND	Freezing Point: ND
Color: Amber	Boiling Point/Range: ND	pH ND
Sp Grav: 0.9928	Odor: Solvent	Solubility: <15 %
Evaporation rate: ND	Flash Point: -26° C (-15 °F)	Part. Coeff (n-octanol/water) ND
Upper Flam Limits: 7%	Lower Flam Limits: 1.10%	Vapor Pressure: ND
VOC Content < 95%	Viscosity: ND	Autoignition Temp: 223°C (433.4° F)

### Section 10: Stability and Reactivity

**General:** stable when stored below 49°C. Conditions to avoid; heat sources, sparks, flame or static discharge and incompatible materials

**Incompatible materials:** Incompatible with, strong oxidizing agents, strong bases, strong acids

**Decomposition products:** Burning or thermal decomposition can produce, aldehydes, carbon monoxide, carbon dioxide, formaldehyde, unburned hydrocarbons, and other toxic fumes

### Section 11: Toxicological Information

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

**Toxicological Information (product):** Can cause serious eye irritation, redness, tearing, or pain, by direct product contact, mist or vapors. Can cause skin irritation, redness, burning, drying or cracking. Harmful if inhaled, mist or vapor can cause irritation, to respiratory tract, vapor or fumes may cause, dizziness, frowsiness, and may affect target organs. Harmful if swallowed, can affect target organs, can be harmful if swallowed and enters airways.

**Likely Routes of Exposure:** Eyes, Skin, Ingestion, Inhalation.

**Exposure:**

#### Toxicological Information (contained substances)

Hazardous substance (name)	LD50 Oral	LD50 Dermal	LC50 Inh	Irritancy:
Toluene	5580mg/kg (rat)	12196 mg/kg (rabbit)	12.5 mg/l	
Xylene	4300 mg/kg (rat)	1700 mg/kg (rabbit)	19.76 mg/l	
Acetone	5800 mg/kg (rat)	7426 mg/kg (guinea pig)	100.2 mg/l	
Hexane	25000 mg/kg (rat)	3000 mg/kg (rabbit)	169.19 mg/l	
Methanol	143 mg/kg (Human)	17100 mg/kg (rabbit)	128.2 mg/l	
Mineral Spirits	>7000 mg/kg (rat)	>3160 mg/kg (rabbit)	NI	
Ethylbenzene	3500 mg/kg (rat)	15433 mg/kg (rat)	27.5 mg/l	
Heptane	15000 mg/kg (mouse)	>2000 mg/kg (rabbit)	103 mg/l	

**Section 12: Ecological Information**

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**Section 13: Disposal Information**

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**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, as residual solvents may pose ignition hazard. Consult waste contractor.

**Section 14: Transport Information**

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

**Section 15: Regulatory Information**

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**TSCA:** All components listed on the TSCA 8(b) inventory.  
**CERCLA RQ:** Xylene (100 lbs)  
**SARA 311/312:** Product is an acute and chronic hazard. (Immediate, delayed, Fire)  
**SARA 313** xylene  
**WHMIS:** Product contains disclosure substances (See Section 3).

**Section 16: Other Information**

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**SDS Author:** Amanda Brake **Version Date:** 1/10/2016

Disclaimers  
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