



SAFETY DATA SHEET: Citra-Thane

Section 1: IDENTIFICATION

Product Name: Citra-Thane

Common Names or Synonyms: None known.

Recommended Use: Parts Cleaner & Degreaser

Restrictions on Use: None.

Company: **ChemFast, LLC**
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Gorham, ME 04038
800-287-2225
info@chemfast.com

Emergency Phone: 1-800-424-9300
CHEMTREC 24-Hour Emergency Service

Section 2: HAZARD(S) IDENTIFICATION

Physical Hazards:

Flammable liquids	Category 3
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Health Hazards:

Acute toxicity, oral	Category 5
Skin corrosion/irritation	Category 2
Eye damage/irritation	Category 2A
Sensitization, skin	Category 1

Environmental Hazards:

Acute aquatic toxicity	Category 1
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OSHA Defined Hazards: Not classified.

Signal Word: Warning

Hazard Statement(s): H226 Flammable liquid and vapor
H303 May be harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H317 May cause an allergic skin reaction
H400 Very toxic to aquatic life

Pictograms:**Precautionary Statement(s):**

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition

sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378 In case of fire: Use ... to extinguish.

P403+P235 Store in a well ventilated place. Keep cool.

P501 Dispose of contents/container to ...

P312 Call a POISON CENTER/doctor/... if you feel unwell.

P264 Wash ... thoroughly after handling.

P302+P352 IF ON SKIN: Wash with plenty of water/...

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.

P273 Avoid release to the environment.

P391 Collect spillage.

Hazards Not Otherwise Classified (HNOC):

None known.

Other Information:

None.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Common name/synonyms	CAS number	% Range
D-Limonene	(+)-4-ISOPROPENYL-1-METHYLCYCLOHEXENE; (+)-CARVENE; (+)-LIMONENE; (+)-R-LIMONENE; (R)-(+)-LIMONENE; (R)-1-METHYL-4-(1-METHYLETHENYL)CYCLOHEXEN E; CITRENE; Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-; D-(+)-LIMONENE; D-LIMONENE; D-P-MENTHA-1,8-DIENE; LIMONENE,D-; NCI-C55572; P-MENTHA-1,8-DIENE	5989-27-5	< 98%

**Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.
The identity of individual components of this product is proprietary information and regarded as a trade secret.
There are no known hazardous substances per sara title III or TSCA EPA inventory list.*

Section 4: FIRST-AID MEASURES

Inhalation:	Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
Skin Contact:	Remove contaminated clothing and launder before reuse. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.
Eye Contact:	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Get immediate medical attention.
Most Important Symptoms or Effects, Acute and Delayed:	None.
Indication of Immediate Medical Attention and Special Treatment, if Necessary:	None.
General information:	No specific antidote. Treatment based on sound judgment of physician and individual reactions of the patient.

Section 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry Chemical, carbon dioxide, and foam.
Unsuitable Extinguishing Media:	No data available.
Specific Hazards Arising from the Chemical:	Spray extinguishing media directly into base of the flames. Water is unsuitable for use on burning materials, but may be used to cool containers exposed to heat.
Special Protective Equipment and Precautions for Firefighters:	Fire fighters should wear full protective clothing, including self-contained breathing equipment.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment:	Wear appropriate protective equipment.
Emergency Procedures:	No data available.
Environmental Precautions:	Prevent entry into sewers or streams, dike if needed.

Clean Up Procedures:

Eliminate all ignition sources. Ventilate area. Absorb with inert dry material and place in an appropriate waste disposal container.

Section 7: HANDLING AND STORAGE**Precautions for Safe Handling:**

Do not ingest. Avoid prolonged contact with eyes or skin. Use good personal hygiene.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in accordance with good industrial practice.

Specific end use(s):

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Limit Values:****Exposure Limit Values:****Appropriate Engineering Controls:**

No data available.

Individual Protection Measures, such as Personal Protective Equipment:

The following are recommendations for Personnel Protective Equipment (PPE). The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.

Eye/face Protection:

Chemical goggles; also wear a face shield if splashing hazard exists.

Skin Protection:

Oil resistant gloves. The selection of personal protective equipment varies depending upon conditions of use. Impervious clothing.

Respiratory Protection:

If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. Organic vapor respirator.

Thermal Hazards:

No data available.

General Hygiene Considerations:

When using, do not eat, drink or smoke.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**Appearance:**

Liquid

Odor:

Citrus

Odor Threshold:

No Data Available

pH:

No Data Available

Melting Point/Freezing Point: No Data Available
Boiling Point and Range: No Data Available
Flash Point: 48° C (118° F) Closed Cup
Evaporation Rate: No Data Available
Flammability (solid, gas): Not Applicable

Upper/Lower Flammability or Explosive Limits:

Flammability Limit - Lower (%): No Data Available
Flammability Limit - Upper (%): No Data Available
Explosive Limit - Lower (%): No Data Available
Explosive Limit - Upper (%): No Data Available

Vapor Pressure: No Data Available
Vapor Density: No Data Available
Relative Density: No Data Available
Solubility(ies): No Data Available
Partition Coefficient (n-octanol/water): No Data Available
Autoignition Temperature: No Data Available
Decomposition Temperature: No Data Available
Viscosity: No Data Available

Section 10: STABILITY AND REACTIVITY

Reactivity: No Data Available.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: No Data Available.
Conditions to Avoid: Keep away from heat flames and sparks. Avoid hot work and sources of ignition on or near empty containers.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Oxides of carbon. Smoke unidentified organic compounds.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Skin Contact: No data available.

Eye Contact: No data available.

Ingestion: No data available.

Numerical Measures of Toxicity**Acute Toxicity:**

D'Limonene	Skin LD ₅₀ (rabbit)	5 g/kg / 8hrs
	Inhalation LD ₅₀ (mice)	1 g/kg / 8hrs
	Oral LD ₅₀ (rat)	5 g/kg / 8hrs

Skin Corrosion/Irritation: May cause moderate skin irritation.

Eye Damage/Irritation: May irritate eyes.

Respiratory or Skin Sensitization: Vapor may be irritating to throat, lungs and pulmonary tract.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: No data available.

Summary of evaluation of the CMR properties: No data available.

STOT-Single Exposure: None

STOT-Repeated Exposure: Has been shown to cause kidney effects in laboratory animals through ingestion. Similar effects have not been reported in humans.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Disposal of all wastes must be in accordance with municipal, provincial and federal regulations.

Disposal of contaminated packaging

Empty container should be recycled or disposed of through an approved waste management facility.

Waste treatment

Keep all spills from entering sewer.

Section 14: TRANSPORT INFORMATION

UN Number:	UN2319
DOT Shipping Name:	Terpene hydrocarbons, n.o.s.
ERG #:	128
Transport Hazard Class(es):	None
Packing Group:	None
Guidance on Transport in Bulk:	None known
Special Precautions for User:	Read safety instructions, SDS and emergency procedures before handling.

Section 15: REGULATORY INFORMATION**Federal and State Regulations:**

SARA 313 Components:	This substance contains no materials subject to the reporting requirements of SARA Title III (Section 313).
California Prop. 65 Components:	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: OTHER INFORMATION

HMIS® ratings	Health: 2 Flammability: 2 Physical hazard: 0 Personal protection:
NFPA ratings	Health hazard: 2 Fire hazard: 2 Reactivity hazard: 0
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