

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name Citra-Clear	Product Code 6400
Manufacturer's Name StatLab Medical Products, Inc.	Emergency Telephone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 407 Interchange st. McKinney Tx 75071	Telephone Number for Informator 800-442-3573 x 2
	Date Prepared 10/19/2004
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
D-Limonene	5989-27-5	Undetermined by OSHA			

Section 3. Hazards Identification

Potential Health Effects

Target Organs	Eyes, skin, respiratory system.
Primary Routes of Entry	Eyes, skin, inhalation.
Eye	Irritating to eyes.
Skin	Irritating to skin.
Ingestion	
Inhalation	Irritating to respiratory system
Chronic/Carcinogenicity	Not considered a carcinogen by NTP or IARC or OSHA
Teratology	Not determined
Reproduction	Not determined
Mutagenicity	Not determined

Section 4. First Aid Measures

Eye	Flush with water for at least 15 minutes. If irritation develops, get medical attention.
Skin	Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, get medical attention.
Ingestion	Drink lots of water to dilute substance. Get medical attention immediately.
Inhalation	Seek fresh air immediately. If breathing is difficult, get medical attention.
All Other Means of Exposure	CONTACT POISON CONTROL CENTER IMMEDIATELY. Be prepared to provide hazardous ingredient information from Section 2.

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Section 5. Fire Fighting Measures

Flammable Properties Flash Point 122°F Method Tag closed cup

Flammable Limits Lower N/A Upper N/A

Autoignition Temperature ca. 238

Hazardous Combustion Products Carbon dioxide, carbon monoxide, acrid fumes.

Extinguishing Media Carbon dioxide, dry chemical, foam. If water must be used, use as spray only.

Unusual Fire/Explosion Hazards Flammable liquid. Avoid heat, sparks and open flame.

Section 6. Accidental Release Measures

Small spills should be absorbed by dirt, sand, or other suitable adsorbent. Large spills may be pumped into closed containers for recovery or disposal.

Section 7. Handling and Storage

Handling/Storage Wear safety glasses or goggles, rubber gloves and apron when handling. Do not store in close proximity to heat, sparks, open flames, strong acids, strong bases. To minimize product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Not normally required. Local mechanical exhaust may be needed in confined and warm areas. An eyewash and safety shower should be readily available. Clean contaminated equipment with soap and water. Do not discharge wash water into lakes, streams, ponds or public waters.

Respiratory Protection A respiratory is not normally required. If the vapor concentration is high, use a NIOSH approved organic vapor respirator.

Skin Protection A rubber apron is recommended when handling large quantities of this material.

Eye Protection Wear safety glasses or goggles.

Permissible Exposure Levels (see also Section 2)

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Section 9. Physical and Chemical Properties

Boiling Point	178°F	Specific Gravity (H2O = 1)	0.844 @ 20/20°C
Vapor Pressure (mm Hg)	1@20°C	Melting Point	N/A
Vapor Density (AIR = 1)	4.7	Evaporation rate (Butyl Acetate = 1)	N/A
Solubility in Water	<0.1	Physical State	liquid
Appearance and Odor	Other		
Nearly colorless/citrus type odor			

Section 10. Stability and Reactivity

Chemical Stability N/A

Incompatibility Avoid contact with strong acids, strong bases, and materials that react with unsaturated hydrocarbons.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide, acrid fumes.

Hazardous Polymerization N/A

Section 11. Toxicological Information

Acute Oral (LD50, rat): >5.0 g/kg (rat). Acute Inhalation (LC50, rat): not determined. Acute Dermal (LD50, rabbit): >5.0 g/kg (rabbit). Eye Irritancy: Prolonged contact with the undiluted material may cause irritation. Dermal Irritancy: Prolonged contact with the undiluted material may cause irritation. Skin Sensitization: As produced, this product is not a sensitizer. Exposure to air and/or heat can create degradation impurities that are allergenic to sensitive individuals. Avoid repeated and prolonged contact with skin. Other Acute Toxicity: Excessive inhalation of vapors can cause respiratory tract irritation, sore throat, coughing, shortness of breath, nausea and dizziness.

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Section 12. Ecological Information

Biodegradability: 92.7% in 21 days using procedure CEC L33T82.

Aquatic Toxicity: Not determined. Mobility: Not determined.

Bioaccumulation Potential: Not determined.

Section 13. Disposal Considerations

This material is considered a hazardous waste by EPA regulations 40 CFR 261.

Observe all federal, state and local regulations. Dispose of this material at a government approved landfill, incinerator, or recovery facility.

Section 14. Transport Information

GROUND SHIPMENTS: Not regulated per 173.150 (f)(2) and 171.4 ©

AIR SHIPMENTS: Terpene Hydrocarbons n.o.s. (d-limonene), 3, UN 2319, III

NOTE: It is ultimately the shippers responsibility to make hazard class determination based on their best information available.

Section 15. Regulatory Information

TSCA: Compliant

EC: Listed

Canada: Listed

Australia: Listed

Japan: Listed

Korea: Listed

Philippines: Listed

CERCLA: Due to its flammability, this product is reportable if the quantity released is greater than 100 pounds.

Section 16. Other Information

HMIS® Rating: Health: 2 Flammability: 2 Reactivity: 1 Personal Protection: C

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, INC. assumes no legal responsibility or liability whatsoever resulting from its use.