# MATERIAL SAFETY DATA SHEET

This form complies with OSHA Hazardous Communication Standard, 29 CFR 1910.1200.

## SECTION I

# CITRA-SAFE®

Inland Technology Incorporated ∝ 401 East 27th Street ∝ Tacoma, WA 98421

Product Information 1-800-552-3100 Transportation Emergencies: 1-800-255-3924

Date: August 8, 2002 MSDS No. 03250 Product Number: FC056

Synonyms: NSN 6850-01-378-0797, 6850-01-378-0564, 6850-01-378-0575, 6850-01-378-0886

## SECTION II - INGREDIENTS AND HAZARD IDENTIFICATION

Substances NOT considered hazardous by OSHA may also be listed.

| COMPONENTS | CAS # | PEL | TLV | OTHER |
|---|---|---|---|---|
| d-Limonene | 5989-27-5 | Not Listed | Not Listed | |

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Initial Boiling Point: 340°F
Vapor Pressure (@ 25ºC mmHg ): <2
Evaporation Rate (n-Butyl Acetate=1): <.1
Volatile by Volume: 100%

Specific Gravity ($H_2O$=1): .84
Vapor Density (air=1): >4
Solubility: Not Water Soluble
Appearance and Odor: Clear with mild citrus odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash point by: 132ºF PMCC
Flammable Limits - LEL: 0.6% UEL: 7%
Extinguishing Media: Foam, water spray, dry chemical, carbon dioxide.
Special Fire Fighting Procedures: Use air supplied breathing equipment for enclosed and confined spaces or as otherwise needed.
Unusual Fire and Explosion Hazards: None known.

## SECTION V - REACTIVITY DATA

Chemical Incompatibility: Avoid contact with strong acids and strong oxidizing agents.
Hazardous Decomposition Products: $CO_x$ and hydrocarbons

Hazardous Polymerization: Will not occur
Stability: Stable

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## SECTION VI - HEALTH HAZARD DATA

Signs and Symptoms of Overexposure

Acute Health Effects: Liquid contacting the eyes may cause eye irritation. Low order acute oral and dermal toxicity. Inhalation of vapors can cause irritation to nose, throat and upper respiratory tract.

Chronic Health Effects: Prolonged or repeated skin exposure can lead to mild irritation defatting and dermatitis.

Carcinogenic Ingredients: None

Primary Routes of Entry: Skin, eyes, and inhalation.

Medical Conditions Aggravated by Exposure: May aggravate existing dermatitis.

Emergency and First-Aid Procedures:

Eyes: If eye contact occurs flush with water for at least 15 minutes or until irritation subsides. If irritation persists contact physician.

Skin: In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

Inhalation: If overcome by vapor, remove from exposed area and call physician immediately.

Ingestion: DO NOT induce vomiting; call physician immediately.

*If conditions persist, get medical attention.*

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Take in Case Material is Released: Shut off and eliminate all ignitable sources. Contain and collect material. Absorb residue.

Waste Disposal Method: Contact federal, state, county or local environmental regulatory agencies for guidance.

Handling and Storage: Use and store away from heat, sparks, and open flame. Keep container sealed when not in use.

## SECTION VIII - CONTROL MEASURES

Personal Protection Equipment

Respirator: None normally required

Gloves: Use chemical-resistant gloves, if needed

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment: None normally required

Workplace Considerations

Keep All Chemicals Out of the Reach of Children

The information and recommendations contained herein are presented in good faith and believed to be correct and reliable to the best of Inland Technology's knowledge. Inland Technology, or its distributors, do not warrant or guarantee reliability, and shall not be liable for any loss or damage arising out of the use thereof. Contact Inland to confirm, in advance of need, that the information is current, applicable, and suitable to each circumstance.

Ventilation: Mechanical ventilation not normally required, unless product is heated, and/or is atomized in a confined space.
Engineering Controls: Eye wash or sterile eye rinse. Keep container closed. Do not store near heat or flame.
Work Practices: Read and understand all cautions, labels, and MSDS before using this product.
Hygiene Practices: Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Wash contaminated clothing before reuse.

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