

SAFETY DATA SHEET

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

SECTION 1- Product and Company Identification

Product: Citra-Safe ®

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

Company Identification:

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

Product Information: 1-800-552-3100

Transportation Emergencies: 1-800-255-3924

Date: September 16, 2015

SDS No. G15045

Product Number: FC056

SECTION 2 –Hazards Identification

CLASSIFICATION:

Flammable Liquids, Category 3

Skin Irritation, Category 2

Eye Irritation, Category 2A

Skin Sensitization, Category 1.

Aspiration toxicant: Category 1.

LABEL:

Pictogram:



Signal Word: Danger

Hazard Statements:

H226 – Flammable liquid and vapor. H304: May be fatal if swallowed and enters airways. H315 – Causes skin irritation. H317 – May cause an allergenic skin reaction. H319 – Causes serious eye irritation.

Precautionary Statements:

Prevention: P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 – Keep container tightly closed. P240 – Ground/bound container and receiving equipment. P241 – Use explosion-proof electrical, ventilating, lighting, communication, equipment. P242 – Use only non-sparking tools. P243 – Take precautionary measures against static discharge. P261 – Avoid breathing dust, fume, gas, mist, vapours, spray.. P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response: . P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331: Do NOT induce vomiting. P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse Skin with water/shower. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 – IF SKIN irritation or rash occurs: Get medical advice/attention. P337 + P313 – If eye irritation persists: Get medical advice/attention. P370 + P378 – In

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case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. P391 – Collect spillage
P370 + P378: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish.

Storage: P403 +P235 – Store in a well-ventilated place. Keep cool. P405: Store locked up.

Disposal: P501 – Dispose of contents/container in accordance with all local, regional, national and international regulations.

SECTION 3 – Composition/Information on Ingredients

COMPONENTS	CAS #	Concentration
d-Limonene	5989-27-5	proprietary

SECTION 4 – First Aid Measures

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 5 - Fire Fighting Measures

Flash point: 132°F PMCC

Flammable Limits: - LEL: .6% UEL: 7%

Autoignition Temperature: 458°F

Extinguishing Media: Foam, water spray (fog), dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Wear air supplied breathing equipment for enclosed and confined spaces or as otherwise needed. Use water to cool container. Water may not extinguish the fire.

Unusual Fire and Explosion Hazards: None known.

SECTION 6 - Accidental Release Measures

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

SECTION 7 - Handling and Storage

Handling: Avoid contact with skin. Keep away from heat, sparks, and open flame.

Handling temperature and pressure: Ambient

Static Accumulator: This material is a static accumulator. To reduce potential for static discharge, bond and ground containers when transferring material.

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

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Storage temperature and pressure: Ambient

Suitable storage materials and coatings: Carbon steel, stainless steel, most metal containers.

SECTION 8 – Exposure Controls/Personal Protection

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

Engineering Controls

Ventilation: Mechanical ventilation not normally required unless product is heated and/or is atomized in a confined space.

Other Engineering Controls: Eye wash or sterile eye rinse. Keep container closed. Do not store near heat, flame, or other ignition sources.

Work Practices: Read and understand all cautions, labels, and MSDS before using this product.

Hygiene Practices: Do not have food or drink in the vicinity. Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Wash contaminated clothing before reuse.

Personal Protection Equipment

Respirator: None normally required.

Gloves: Use chemical resistant gloves.

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

Other Protective Equipment: None normally required.

SECTION 9 – Physical/Chemical Properties

Initial Boiling Point: 340°F

Specific Gravity (H₂O=1): .84

Vapor Pressure (@ 20°C in mmHg): <2

Vapor Density (air=1): >4

Evaporation Rate (n-Butyl Acetate=1): <.4

Solubility: Not water soluble

Volatile by Volume: 100%

Appearance and Odor: Clear with mild citrus odor

SECTION 10 – Stability and 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

SECTION 11 – Toxicological Information

Signs and Symptoms of Overexposure

Acute Health Effects: Product contacting eyes may cause eye irritation. Low order of acute oral and dermal toxicity.

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

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Carcinogenic Ingredients: None

Primary Routes of Entry: Eyes and inhalation.

Medical Conditions Aggravated by Exposure: May aggravate existing dermatitis.

Oral LD50	>5 gm/kg
Dermal LD50	>5 gm/kg

SECTION 12 – Ecological Information

Ecotoxicological Information:

This material is classified as oil by the CWA/OPA.

Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit issued by the Environmental Protection Agency (EPA).

Mobility:

Material is volatile and will partition rapidly to air. The material is insoluble in water. If released to water the product will float. Not expected to partition to sediment and wastewater solids.

Persistence and degradability:

This material is expected to biodegrade at a rapid rate and be 'inherently' biodegradable. This product can degrade rapidly in air.

Bio-accumulation: Product is not expected to bioaccumulate

See additional information in sections 6, 13, & 15.

SECTION 13 – Disposal Considerations

Waste Disposal Method: Contact federal, state, county or local environmental regulatory agencies for guidance. This material is considered hazardous by RCRA: ignitable, waste code D001. See Section 15 for further regulatory concerns.

SECTION 14 – Transportation Information

Land transport

Containers of 119 gallons capacity or less this product is not regulated by DOT:

DOT Class: Not regulated

Containers of 120 gallon capacity or more:

DOT Class: Combustible Liquid

ID-Number: NA1993

Packaging group: III

Proper Shipping Name: Combustible Liquid

Technical Name: (d-Limonene)

Maritime transport

IMDG: 3

ID-Number: UN1993

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Packaging group: III
Marine pollutant: No
Correct technical name: Flammable Liquids, N.O.S.
Technical Name: (d-Limonene)

Air transport

IATA Class: 3
ID-Number: UN1993
Packaging group: III
Correct technical name: Flammable Liquids, N.O.S
Technical Name: (d-Limonene)

SECTION 15 – Regulatory Information

EPCRA: This material contains no extremely hazardous substances.

CERCLA (Superfund): This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA (301-304): No TPQ for product or any constituents.

SARA (311/312): Reportable Hazard Categories: Fire.

SARA (313) TRI: This material contains no toxic chemicals subject to the reporting requirements of the Toxic Release Program.

RCRA: This material is considered hazardous by characteristic. Ignitable, waste code D001.

RCRA: This material contains no hazardous chemicals listed under RCRA lists or TCLP.

OSHA: Combustible

TSCA: All components of this product are listed on the TSCA inventory, listed CAS# 5989-27-5. This product does not contain any polychlorinated biphenyls.

CWA/OPA: This product is classified as oil under Section 311 of the Clean Water Act and the Oil Pollution Act of 1990.

SECTION 16 – Other Information

NFPA Hazard code	Health: 1	Flammability: 2	Reactivity: 0
HMIS Hazard code	Health: 1	Flammability: 2	Reactivity: 0

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.

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LABEL:

Citra-Safe®:



Danger

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergenic skin reaction. Causes serious eye irritation.

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bound container and receiving equipment. Use explosion-proof electrical, ventilating, lighting, communication, equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust, fume, gas, mist, vapors, spray. Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse Skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SKIN irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.– In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Collect spillage: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish.

Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with all local, regional, national and international regulations.

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