

# MATERIAL SAFETY DATA SHEET

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## I - Product Identification

### Citra-Fresh

**PRODUCT CODE:** 0377

**CHEMICAL FORMULATION:** Solvent based deodorant.

**NFPA HAZARD IDENTIFICATION SYSTEM:** **HEALTH:** 1      **FLAMMABILITY:** 2      **REACTIVITY:** 0  
**HAZARD RATING:**      4 - Extreme;      3 - High;      2 - Moderate;      1 - Slight;      0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

<u>SUBSTANCE</u>	<u>APPROX</u> <u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>EPA 40 CFR:</u>			<u>CAS #</u>
				<u>302</u>	<u>355</u>	<u>372</u>	
Odorless Mineral Spirits	30.0-40.0	N/E	N/E	N	N	N	64742-48-9
d-Limonene	60.0-70.0	N/E	N/E	Y	N	N	5989-27-5

Key: **PEL:** Permissible Exposure Limit      **TLV:** Threshold Limit Value      **C:** Ceiling level      **STEL:** Short Term Exposure Limit  
**N/A:** Not Applicable      **N/D:** Not Determined      **N/E:** Not Established      **Y:** Yes      **N:** No

**302:** CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

**355:** SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

**372:** SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

**BOILING POINT (°F):** N/D

**SPECIFIC GRAVITY (WATER = 1):** 0.83

**VAPOR PRESSURE (mm Hg):** N/D

**VOC CONTENT (% by weight):** N/D

**VAPOR DENSITY (AIR = 1):** N/D

**EVAPORATION RATE (WATER = 1):** > 1.0

**SOLUBILITY IN WATER:** Insoluble

**pH:** N/A

**APPEARANCE AND ODOR:** Clear, colorless liquid; citrus fragrance.

## IV - Fire and Explosion Hazard Data

**FLASH POINT (°F):** > 120

**(TEST METHOD):** Closed cup

**FLAMMABLE LIMITS IN AIR (VOLUME %)**

**UPPER:** N/D

**LOWER:** N/D

**EXTINGUISHING MEDIA:** Foam, carbon dioxide, dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Use water spray to cool fire-exposed containers. Solvent vapors may cause flashbacks. Vapors are heavier than air and may travel along the ground or be moved by ventilation.

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**V - Reactivity Data**

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**STABILITY:** Stable.

**INCOMPATIBILITY:** Strong oxidizing agents.

**CONDITIONS TO AVOID:** Excess heat and open flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY**    **INHALATION:** X    **EYE CONTACT:** X    **SKIN CONTACT:** X    **INGESTION:** X

**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None

**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** Moderate to severe irritation, redness and possible tearing.

**IF ON SKIN:** Irritation, chapping and dermatitis, with prolonged or repeated exposure. Contains a possible sensitizer.

**IF SWALLOWED:** Nausea, cramps, diarrhea. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

**IF INHALED:** Irritation to upper respiratory tract, headache, dizziness, anesthesia, drowsiness, unconsciousness, and other CNS effects.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Remove contaminated clothing and launder separately before re-use. Wash with soap and water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Call a physician or poison control center immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Never give anything by mouth to an unconscious person.

**IF INHALED:** Remove person to fresh air. If irritation persists, obtain medical attention.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation.

**VENTILATION**

**LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** None needed under normal use, otherwise chemical resistant.

**EYE PROTECTION:** None needed under normal use, otherwise safety glasses or goggles.

**OTHER PROTECTIVE EQUIPMENT:** None needed under normal use, otherwise protective clothing and eyewash station.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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