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## MATERIAL SAFETY DATA SHEET: FULL DISCLOSURE

Medical Emergency Telephone INFOTRAC (352) 323-3500 or (800) 535-5053

### SECTION 1

PRODUCT IDENTITY: AeroOrange Solvent

DATE PREPARED: 9/9/08

MANUFACTURER'S CODE IDENTIFICATION: 294006044

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1; moderate = 2; serious = 3; severe = 4)(For Concentrate)

Health: 2/2 Fire: 2/2 Reactivity: 0/0 Special/Personal Protection: N/A

### SECTION 2

<u>INGREDIENTS:</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Aliphatic hydrocarbon blend	69430-33-7 50-75	None Est*		None Est.*
d-Limonene	5989-27-5	None Est.	None Est.	20-30
Carbon dioxide propellant	124-38-9	10,000 ppm 30,00ppmSTEL	5,000 ppm 30,000ppmSTEL	1-5

\*Supplier recommendation 100 ppm.

### SECTION 3 – Physical / Chemical Characteristics

BOILING POINT: 350-410°F

VAPOR PRESSURE: 0.2 mm Hg @ 20°C

VAPOR DENSITY (AIR = 1): Greater than 5

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Clear colorless liquid, mild citrus odor.

SPECIFIC GRAVITY: 0.775

PERCENT VOLATILE: 100 @ 110°C

EVAPORATION RATE: Slow

pH: Not applicable

### SECTION 4 – Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065): Greater than 18", no flashback, flammable.

FLAMMABLE LIMITS: Lel. 2.1%; Uel 13.3% (for solvent).

EXTINGUISHING MEDIA: Treat as an oil fire. Use carbon dioxide, dry chemical or foam. Use water fog or spray carefully, as burning liquid may float on water.

SPECIAL FIREFIGHTING PROCEDURES: Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosol container (pressurized) may burst if heated over 120°F. Combustible contents.

### SECTION 5 – Reactivity Data

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Temperatures above 120°F, open flames, direct sunlight.

INCOMPATIBILITY: Strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion produces soot, smoke, carbon dioxide and carbon monoxide.

RMC MSDS FORM: 238

FM-0230

X5026

RMC PC: 118042

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### SECTION 6 – Health Hazard Data

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: **Eyes:** May cause slight eye irritation. **Skin:** Prolonged skin contact can cause irritation or dermatitis. **Inhalation:** Excess inhalation may cause nose and respiratory irritation; headache, nausea, dizziness, drowsiness, other temporary central nervous system effects. **Ingestion:** Irritation, nausea, vomiting; possible dizziness, effects as for inhalation; possible chemical pneumonitis from aspiration of vomited or swallowed material.

CHRONIC EFFECTS: None expected in normal use.

CARCINOGENS: None listed as carcinogenic to humans under OSHA, IARC, or NTP. Recent NTP testing with daily very high oral doses of d-Limonene is not expected to pose a measurable carcinogenic risk to humans.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory (from inhalation); skin contact may aggravate existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES: **Eyes:** immediately flush with water for 15 minutes while holding eyelids open to ensure complete rinsing. Remove contact lenses promptly if worn. Get medical attention. **Skin:** wash thoroughly with soap and water. Get medical attention if irritation persists. Remove contaminated clothing. **Inhalation:** remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms persist. **Ingestion:** DO NOT INDUCE VOMITING. Get immediate medical attention.

### SECTION 7: Precautions For Safe Handling And Use

SPILL OR LEAK PROCEDURES: **Small Spills:** Wipe up with an absorbent material. Thoroughly remove any residual product. **Large Spills:** Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up on absorbent material and put in suitable container for proper disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and local regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes. Product, if disposed of as received, contains no listed hazardous waste.

HANDLING AND STORING: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing mist or vapors. Do not swallow. Contents under pressure. Store in a cool (under 120°F, 48°C) dry location away from heat, sparks, open flame and direct sunlight. Direct spray away from face. Replace cap when not in use. Do not use around ignition sources such as heat, sparks, open flame, etc.

OTHER PRECAUTIONS: Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors.

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### SECTION 8: Control Measures

VENTILATION: General mechanical or local exhaust as needed if vapor or spray in air exceeds recommended exposure limit or causes irritation. Use non-sparking equipment.

RESPIRATORY PROTECTION: Not normally needed. Use with adequate ventilation. Use NIOSH approved organic vapor respirator in an enclosed area or if vapor or spray in the air causes irritation or exceeds recommended exposure limit.

GLOVES: Solvent resistant material such as Viton, neoprene or nitrile rubber.

EYE PROTECTION: Chemical safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing to prevent skin contact.

WORK/HYGIENIC PRACTICES: Wash skin contact areas after handling and before eating, drinking, smoking, using restrooms, etc. Wear solvent resistant gloves for other than incidental hand contact while using product. Remove and launder contaminated clothing before reuse.

### SECTION 9: TRANSPORT INFORMATION

D.O.T. Shipping Name:	Aerosols, 2, UN1950, limited quantity, page 2102
D.O.T. Hazard Class:	None
D.O.T. Label:	None
U.N. Number:	UN1950
Bill of Lading:	

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree.

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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