

# Material Safety Data Sheet

Date of Preparation: 05/92

WHIP CITRUS PLUS

Revision: 03/12/15

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** WHIP CITRUS PLUS

**Chemical Formula:**

**CAS Number:**

**Other Designations:**

**General Use:**

**Manufacturer:** MIRANDY PRODUCTS, LLC., 1078 GRAND AVENUE, S. HEMPSTEAD, NY 11550

(516) 489-6800

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☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
d-Limonene	5989-27-5	

DOT Shipping Classification: Combustible Liquid NOS

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
d-Limonene	N/A	N/A	N/A	N/A	N/A	N/A	

## Section 3 - Physical and Chemical Properties

**Physical State:**

**Appearance and Odor:** Semi viscous liquid, heavy orange scent.

**Odor Threshold:**

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** >1

**Formula Weight:**

**Density:**

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** <1

**pH:**

**Water Solubility:** Miscible to complete

**Other Solubilities:**

**Boiling Point:** 176C

**Freezing/Melting Point:** N/A

**Viscosity:**

**Refractive Index:**

**Surface Tension:**

**% Volatile:**

**Evaporation Rate:** <1

## Section 4 - Fire-Fighting Measures

**Flash Point:** 140F

**Flash Point Method:** None

**Burning Rate:**

**Autoignition Temperature:**

**LEL:** NA

**UEL:** NA

**Flammability Classification:**

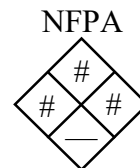
**Extinguishing Media:** Dry chemical, foam or Carbon Tetrachloride

**Unusual Fire or Explosion Hazards:** Keep away from heat and open flame.

**Hazardous Combustion Products:** None

**Fire-Fighting Instructions:** Closed containers exposed to heat, but not burning could be suitably cooled with water.

**Fire-Fighting Equipment:** None



## Section 5 - Stability and Reactivity

**Stability:** Stable

**Polymerization:** Hazardous polymerization cannot occur.

**Chemical Incompatibilities:** Strong oxidizing materials.

**Conditions to Avoid:** Exposure to flames, excessive heat. May react violently with iodine pentafluoride in tetrafluoroethylene.

**Hazardous Decomposition Products:** When heated to decomposition, d-Limonene emits acrid smoke, fumes, CO and CO<sub>2</sub>.

## Section 6 - Health Hazard Information

### Potential Health Effects

**Primary Entry Routes:**

**Target Organs:**

**Acute Effects**

**Inhalation:** Yes

**Skin:** Yes

**Ingestion:** Yes

**Carcinogenicity:** IARC, NTP, and OSHA do not list this product as a carcinogen.

**Medical Conditions Aggravated by Long-Term Exposure:** None known.

**Chronic Effects:** May be mild irritant to skin, eyes, throat and respiratory passages.

### Emergency and First Aid Procedures

**Inhalation:** Remove person to fresh air and see physician if necessary.

**Eye Contact:** Flush with water and see physician.

**Skin Contact:** Wash off with water.

**Ingestion:** See physician immediately.

**Note to Physicians:**

**Special Precautions/Procedures:**

## Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** Wipe up with paper rags. Place them in metal container.

**Small Spills:**

**Large Spills:** Pick up with absorbent.

**Containment:**

**Cleanup:**

**Regulatory Requirements:**

**Disposal:** According to federal, state, and local regulations only.

**Disposal Regulatory Requirements:**

**Container Cleaning and Disposal:**

**Ecological Information:**

**Precautions for Storing and Handling:** Store away from heat and open flame.

**Other Precautions:** None

**Section 8 - Exposure Controls / Personal Protection**

**Ventilation:** Local exhaust or mechanical ventilation of use and storage areas.

**Administrative Controls:**

**Respiratory Protection:**

**Protective Clothing/Equipment:** Wear chemical-resistant gloves. Wear safety glasses or face shield.

**Safety Stations:** Eyewash should be available.

**Contaminated Equipment:**

**Comments:** Wash thoroughly after handling.