

# 31875

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**MATERIAL SAFETY DATA SHEET**



333 Hollenbeck St.  
Rochester NY 14621  
Information: 585-336-2200

Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

**PRODUCT NAME: 117 DRI SPICE**

REVISION DATE:	03/24/2003	REVISION NUMBER:	2
DATE PRINTED:	03/24/2003	PREPARED BY:	EH&S DEPARTMENT

**1. CHEMICAL PRODUCT**

MSDS FORM NUMBER: 7172  
NFPA/EMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1  
Fire: 4/4  
Reactivity: 0/0  
Special/Protective: None/A  
Equipment:

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous Components**

PRODUCT COMPOSITION CAS REGISTRATION NO.	APPROX. WEIGHT PERCENT	ACGIH TLV	ACGIH UNIT	OSHA PEL	OSHA UNIT	SARA 313 Reportable
PETROLEUM GASES, LIQUIFIED 68476-85-7	55 - 65	1000	PPM	1000 ppm TWA; 1800 mg/m3 TWA	PPM	No
Isoparaffinic hydrocarbon 64742-48-9	20 - 30	300	PPM	300	PPM	No
ETHYL ALCOHOL 64-17-5	5 - 15	1000	PPM	1000	PPM	No

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**3. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT (F): NA (C) NA  
VAPOR PRESSURE: 140 @ 130 F  
VAPOR DENSITY (AIR=1): > 1  
SOLUBILITY IN WATER: NEGLIGIBLE  
SPECIFIC GRAVITY: < 1  
VOC Content (%): NE  
VOV Content (%): NE  
EVAPORATION RATE: < 1  
PH: NA  
APPEARANCE AND ODOR: Pleasant fragrance as labeled.

**4. FIRE AND EXPLOSION HAZARD DATA**

**117 DRI SPICE**

**FLASH POINT (F):** NE (C): NA

**METHOD:** TCC

**FLAMMABLE LIMITS IN AIR - LOWER (%):** 1.8 (Propellant)

**FLAMMABLE LIMITS IN AIR - UPPER (%):** 9.2 (Propellant)

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemicals, Foam.

**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

**5. STABILITY AND REACTIVITY**

**STABILITY DATA:** STABLE

**POLYMERIZATION:** Will Not Occur.

**HAZARDOUS DECOMPOSITION:** Carbon Dioxide. Carbon Monoxide. Oxides of Hydrogen. Oxides of Nitrogen.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Anhydrides. Isocyanates Acetaldehyde. Chlorine. Aluminum. Oxidizing materials. Alkalines. Chlorine containing materials. Ethylene oxide. Hydrogen peroxide.

**CONDITIONS/HAZARDS TO AVOID:** Extreme heat, direct sunlight. Avoid any source of ignition.

**6. HAZARDS IDENTIFICATION**

**EFFECTS FROM ACUTE EXPOSURE:**

**INGESTION:**  
Harmful if swallowed.

**SKIN CONTACT:**  
May be absorbed through the skin and produce nervous system effects.

**INHALATION:**  
May be harmful if inhaled.

**EYE CONTACT:**  
May cause moderate eye irritation.

**CHRONIC EFFECTS:**  
None known.

**EFFECTS/CARCINOGENICITY:**

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None listed under OSHA, IARC, or NTP.

**ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

**EMERGENCY AND FIRST AID MEASURES:**

**INGESTION:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. **SKIN:** Wash with soap and water. Get medical attention if irritation persists. **INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. **EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTES TO PHYSICIAN:** None.

**7. HANDLING AND STORAGE**

**SPILL PROCEDURES:**

**SMALL SPILLS:** Reclaim as much as possible.

**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**WASTE DISPOSAL METHODS:**

Dispose in accordance with Federal, State and Local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store in a cool, dry area. Do not store near heat, sparks or flame. Keep container closed when not in use. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors.

**OTHER PRECAUTIONS:**

Read and follow label instructions. Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>EXPOSURE CONTROLS:</b>	Use in a well ventilated area.
<b>RESPIRATORY PROTECTION:</b>	None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.
<b>PROTECTIVE GLOVES:</b>	None required. Rubber or plastic gloves recommended to minimize skin contact.
<b>EYE PROTECTION:</b>	Safety Glasses. Goggles.
<b>OTHER PERSONAL PROTECTION EQUIPMENT:</b>	None required. Rubber apron. Rubber boots.
<b>VENTILATION:</b>	General mechanical or local exhaust as needed to maintain exposure below TLV or PEL.

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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\*\*\* END OF MSDS \*\*\*