

**MATERIAL SAFETY DATA SHEET**

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 CREATED: 10/1/03 UPDATED: 10/16/03

<b>I. GENERAL</b>	
TRADE NAME: Crazy Orange	EMERGENCY TELEPHONE NUMBER
OTHER NAMES:	1-(800) 255-3924

CHEMICAL FAMILY	DOT Hazardous Materials Proper Shipping Name		
UN/NA ID No.:	ORM-D		
GENERIC NAME: Aerosol Degreaser	DOT Hazard Class	ORM-D	

**II. HAZARDOUS COMPONENTS** (this may not be a complete list of components)

Component Name	CAS #	Exposure Limits in Air		
		TLV (ACGIH)	STEL	PEL (OSHA)
D-Limonene		n/a		n/a
Liquified Petroleum Gas	#68476-85-7	1000ppm		1000 ppm

#Listed by: 1=IARC 2=EPA 3=GISO 4=CAL/OSHA Compositions are typical values, not specifications.

**III. SUMMARY OF HAZARDS**

ACUTE HEALTH-

CHRONIC HEALTH-

NFPA Rating: Health:  Fire:  Reactivity:   
 (4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)

<b>FIRE AND EXPLOSION</b>		
USA Projection Test(Method) Non-Flammable	Autoignition Temperature NA - Not Applicable	Flammable Limits (%Volume in air) Lower- 1.80% Upper- 9.20%

UNUSUAL FIRE AND EXPLOSION HAZARD At elevated temperatures (above120°) containers may vent rupture or burst.

EXTINGUISHING MEDIA	Foam CO2	xxx xxx	Water Spray Dry Chemical	xxx	Alcohol Foam Other
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SPECIAL FIREFIGHTING PROCEDURES Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing or venting containers.

**V. HEALTH HAZARDS**

INHALATION Product exists as foam. Inhalation of vapors is an unlikely route of exposure. May cause respiratory tract irritation.

EYE CONTACT Can cause severe irritation, redness tearing and blurred vision.

SKIN ABSORPTION Prolonged or repeated exposure may cause irritation.

SKIN IRRITATION Prolonged or repeated exposure may cause irritation.

INGESTION May be harmful if swallowed.

SUMMARY OF ACCUTE HAZARDS AND SPECIAL HEALTH EFFECTS

**VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES**

RESPIRATORY Under normal conditions, no respiratory protection is required. Use with adequate ventilation.

EYE Slash proof safty goggles should be used. Contact lenses should not be worn while working with chemicals.

SKIN Not usually necessary. Use protective apparel if contact with skin is possible.

ENGINEERING CONTROLS

OTHER HYGIENIC AND WORK PRACTICES Eye bath and safety showers should be available to employees.

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*Crazy Orange*

<b>VII</b>		<b>EMERGENCY AND FIRST AID</b>	
INHALATION	Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.		
EYE CONTACT	Wash eyes with large amounts of water for 15 min., lifting upper and lower lids occasionally. Get medical attention.		
SKIN CONTACT	Wash skin with soap and water on contact.		
INGESTION	Get immediate medical attention.		
Note: Never give anything by mouth to an unconscious person.			
SUSPECTED CANCER AGENT	None Known		
AGGRAVATED CONDITIONS			
<b>VIII</b>		<b>SPILL AND DISPOSAL</b>	
PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED	Caution, slip hazard. Wipe up small spills with rag or absorbant cloth. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Pick up spilled materials with absorbant material. Put in suitable container for disposal.		
WASTE DISPOSAL METHODS	When used properly aerosol products do not generate hazardous waste. Empty de-pressurized containers can not be reused and should be wrapped and put in a permitted waste management facility. Consult Federal, State and Local Disposal authorities for approved procedures.		
<b>X</b>		<b>PHYSICAL AND CHEMICAL DATA</b>	
Boiling Point	NA	Viscosity Units, Temp. (Method)	Percent VOC(By volume in can) n/a
Freezing Point	32°F	Vapor Pressure (in can @ 75°)	126@130F
Specific Gravity (HOH=1)	<1	Vapor Density (Air=1 @ 100°F)	greater than one
Solubility in Water (g/100g water @20°C)	Almost complete	pH-conc. 7 pH -dilute n/a	Hazardous Polymerization Stable X Unstable
Other Physical and Chemical Properties			Will not occur
Appearance and Odor	Aerosol can, clear liquid with citrus scent.		
Materials to Avoid	Strong oxidizing agents, acids and bases.		
Conditions to Avoid	Extreme heat and direct sunlight.		
Hazardous Decomposition Products	None	Oxides of carbon, sulfur dioxide and hydrogen sulfide.	
<b>XI</b>		<b>ADDITIONAL PRECAUTIONS</b>	
HANDLING, STORAGE AND DECONTAMINATION PROCEDURES	Store in cool dry place away from heat, sparks, open flame and direct sunlight.		
GENERAL COMMENTS			
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