

31-55a

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Sold By:
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HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

4 Extreme, 3 High, 2 Moderate, 1 Slight, 0 Minimal.

See Health Hazard Data Section of this M.S.D.S. for more detailed information.

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REACTIVITY (0 = Maximum Safety)

Susceptible to Release of Energy.

- 4 May detonate-vacate area if materials are exposed to fire.
- 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.
- 2 Violent chemical change possible-use hose stream from distance
- 1 Unstable if heated-use precaution.
- 0 Normally stable.

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FLAMMABILITY (0 = Maximum Safety)

Susceptibility of Material to Burning.

- 4 Extremely flammable.
- 3 Ignites at normal temperature.
- 2 Ignites when moderately heated.
- 1 Must be preheated to burn.
- 0 Will not burn.

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PERSONAL PROTECTION



**HAZARDOUS COMPONENTS
 IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION**

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL	OTHER RECOMMENDED LIMITS	S.A.R.A. TITLE III QUANTITIES
Isoparaffinic hydrocarbon	84741-68-8	400 ppm	Not established	400 ppm	None	None
Polytetrafluoroethylene	9002-84-0	10 mg/m ³ (Inert dust)	Not established	10 mg/m ³ (Inert dust)	None	None
Liquified petroleum gas	68476-85-7	1000 ppm 1800 mg/m ³	Not established	1000 ppm 1800 mg/m ³	NIOSH TWA 1000 ppm 1800 mg/m ³	None

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT Approximately 200°F	SPECIFIC GRAVITY (H₂O = 1) 0.761
VAPOR PRESSURE (psig) (At 70° F.) 45	MELTING POINT Not determined
VAPOR DENSITY (Air = 1) Greater than 1	EVAPORATION RATE (Butyl Acetate = 1) Not determined
SOLUBILITY IN WATER Slight	VOLATILE ORGANIC COMPOUNDS (V.O.C.) (Pounds Per Can Of Product) 0.594
APPEARANCE AND ODOR Clear liquid with solvent odor	pH: Not applicable

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) Concentrate 40°C (TOC) Extremely flammable as per USA Flame Projection Test	FLAMMABLE LIMITS Not determined	LEL Not determined	UEL Not determined
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EXTINGUISHING MEDIA
 Dry chemicals, carbon dioxide, foam

SPECIAL FIRE FIGHTING PROCEDURES
 Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Keep containers cool. Use equipment or shielding required to protect personnel against burning, rupturing or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 Temperatures greater than 120°F may result in cans rupturing, venting, and exploding.

REACTIVITY DATA

STABILITY: STABLE UNSTABLE

CONDITIONS TO AVOID
Do not expose to temperatures above 120°F.

INCOMPATIBILITY (Materials To Avoid)
Avoid contact with oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Oxides of carbon

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR MAY OCCUR

CONDITIONS TO AVOID
None known

HEALTH HAZARD DATA

HEALTH HAZARDS
EYES: May cause slight irritation but does not injure eye tissue SKIN: Frequent or prolonged contact may cause irritation.

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, and other central nervous system effects. **IF SWALLOWED:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
This product contains a chemical known to the state of California to cause cancer or reproductive toxicity? No

SIGNS AND SYMPTOMS OF OVEREXPOSURE
EYES: Irritation SKIN: Irritation INHALATION: Dizziness, nausea, CNS effects IF SWALLOWED: Gastrointestinal irritation, nausea, vomiting, diarrhea

TARGET ORGANS
Respiratory system

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE
Chronic overexposure may cause liver, kidney or lung disease, anemia, coronary disease or rhythm disorders of the heart.

EMERGENCY AND FIRST AID PROCEDURES
EYES: Flush with plenty of water for at least 15 minutes. Call a physician or poison center. SKIN: Wash with soap and water and remove contaminated clothing. If irritation persists, call a physician or poison center. INHALATION: Remove to fresh air immediately. Apply CPR as needed. Call a physician or poison center immediately. IF SWALLOWED: DO NOT induce vomiting. Aspiration of material into lungs may cause chemical pneumonitis.

Call a physician or poison center immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. Keep sparks, heat sources and open flame far away from spill or leak.

Cover with absorbent material and sweep up. Wash area to prevent slipping.

WASTE DISPOSAL METHOD
Do not puncture or incinerate containers. Consult local, state, and federal authorities for proper disposal guidelines.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Do not store above 120°F as cans may vent, rupture, and burst. Store as NFPA Code 30B Rating: Level 3 Aerosol.

CONTROL MEASURES FOR USE WHERE SIGNIFICANT EYE, SKIN OR INHALATION EXPOSURE IS LIKELY

RESPIRATORY PROTECTION (Specify Type)
If TLV is exceeded, use NIOSH or MSHA-approved respirator.

VENTILATION: MECHANICAL (General) Provide adequate ventilation	LOCAL EXHAUST Generally adequate
PROTECTIVE GLOVES Chemical-resistant gloves	EYE PROTECTION Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Long sleeves are recommended.

WORK HYGIENIC PRACTICES
Remove contaminated clothing immediately and wash with soap and water before re-using. Wash hands and face with soap and water after using this product.