

HAZARD RATING 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT	FIRE	0	REACTIVITY
		2	
	HEALTH	0	SPECIAL
		0	

VOLATILE SOLVENT

MasterBlend, Inc.

5285 Fox Street • Denver, CO 80216

Date Prepared: 06-01-04

Product Information Number: (800) 525-9644 / (303) 373-0702

Emergency Number/Chem-Tel: (800) 255-3924 / (813) 248-0582

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Hazardous Components > 1%, Carcinogens > 0.1%

Tetrachloroethylene

CAS No.
127-18-4OSHA PEL
100 ppmACGIH TLV
25 ppm**SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: 250°F

pH (10% Solution): N/A

Appearance and Odor: Clear colorless liquid, mildly sweet odor

Specific Gravity (H₂O=1): 1.62

% Volatile Organic Compounds: 100%

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: None

Method Used: TCC

Auto Ignition: N/A

Extinguishing Media: Water spray, Carbon Dioxide, Foam, or Dry Chemical

Special Fire Fighting Procedures: Use self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Thermal decomposition will release hydrogen chloride, phosgene, and chlorine.

SECTION 4 - REACTIVITY HAZARD DATA

Stability: Stable

Polymerization: Will not occur

Incompatibility: Strong Oxidizers, Barium, Lithium //

Hazardous Decomposition: Hydrogen Chloride, Phosgene, Chlorine

Conditions to Avoid: Heat, open flames, and prolonged storage at elevated temperatures.

SECTION 5 - HEALTH HAZARD DATA

Primary Routes of Exposure: Eye Ingestion Inhalation Skin

Carcinogen: Suspect

Acute Health Hazards: Irritating to eyes and skin. Harmful if swallow--causes severe gastrointestinal irritation with nausea, vomiting, stomach cramps, and diarrhea likely. Harmful if inhaled. Exposure to high concentrations of vapor or mist can cause central nervous system depression with symptoms of headache, dizziness, stupor, loss of consciousness, or death depending on concentration and duration of exposure.

Chronic Health Hazards: Prolonged exposure has caused toxic effects on the liver and kidneys. Tetrachloroethylene is classified as a carcinogen by IARC and NTP. Tetrachloroethylene is known to the state of California to cause cancer.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush with large amounts of water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting and do not give fluids. Seek immediate medical attention.

Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

Skin Contact: Remove contaminated clothing and launder. Wash skin with soap and water. Seek medical attention if irritation persists.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Ventilation: Mechanical (General)

Respiratory Protection: NIOSH-Approved respirator with organic vapor cartridge when ventilation is not adequate.

Eye Protection: Safety glasses or goggles

Protective Gloves: Not required under normal use.

Hygienic Work Practices: Wash hands thoroughly after handling and before eating, drinking, or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Handling Spills or Leaks: Ordinary housekeeping is adequate.

Waste Disposal Methods: According to federal, state, and local regulations.

Handling and Storage Precautions: Keep out of reach of children. Store in a cool and dry place.

SECTION 8 - TRANSPORTATION DATA

D.O.T. Shipping Name: Tetrachloroethylene

Hazard Class: 6.1

ID Number: UN1897

Packaging Group: III

Label: PG III

Note: If packaged in quarts or gallons, this product may be reclassified as a Consumer Commodity when shipped domestically by land only.

V/A=Not Applicable

N/D=Not Determined

NE=Not Established

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