

MATERIAL SAFETY DATA SHEET

Western Environmental Services, Inc.
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GENERAL INFORMATION NUMBER: (602) 234-8873

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I - Product Identification

Sudden Impact

PRODUCT CODE: 8100

CHEMICAL FORMULATION: Pressurized solvent based lubricant.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2

FLAMMABILITY: 3

REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX	OSHA	ACGIH	EPA 40 CFR:			CAS #
	%	PEL	TLV	302	355	372	
Trichloroethylene	50.0-60.0	100 ppm	50 ppm	Y	N	Y	79-01-6
Deodorized Kerosene	30.0-40.0	N/E	N/E	N	N	N	Mixture
Barium Compounds	1.00-3.00	N/E	N/E	N	N	Y	None
Carbon Dioxide	1.00-3.00	10,000 ppm	5,000 ppm	N	N	N	124-38-9

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D

SPECIFIC GRAVITY (WATER = 1): > 1.0

VAPOR PRESSURE (psig): 90 (± 10) @ 130F

VOC CONTENT (% by weight): N/D

VAPOR DENSITY (AIR = 1): N/D

EVAPORATION RATE (WATER = 1): N/D

SOLUBILITY IN WATER: Negligible

pH: N/A

APPEARANCE AND ODOR: Clear, brown colored liquid; chlorinated solvent odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): > 200

(TEST METHOD):

FLAME EXTENSION: N/D

NFPA 30B Rating: 2

FLAMMABLE LIMITS IN AIR (VOLUME %) (Trichloroethylene):

UPPER: 10.5

LOWER: 8.0

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: Exposure to temperatures above 120 °F can cause cans to burst. Solvent vapors may cause flashback. Trichloroethylene vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity of heat.

V - Reactivity Data

STABILITY: Stable**INCOMPATIBILITY:** Oxidizers, strong acids, alkalis and aluminum.**CONDITIONS TO AVOID:** Keep away from heat, direct sunlight, open flames or sparks.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon, hydrogen chloride, phosgene and additional toxic chemicals may be formed in small amounts.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:**

Trichloroethylene (IARC 2A)

EFFECTS OF OVEREXPOSURE**IF IN EYES:** Moderate to severe irritation.**IF ON SKIN:** Redness, dryness, irritation, dermatitis with prolonged or repeated exposure.**IF SWALLOWED:** Gastrointestinal irritation, nausea, cramps, vomiting. Aspiration may be a hazard.**IF INHALED:** Irritation to upper respiratory tract, CNS depression, cardiac sensitization.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**IF ON SKIN:** Remove contaminated clothing while flushing skin with water. Launder clothing separately before reuse. If irritation persists, obtain medical attention.**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting.**IF INHALED:** Remove person to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, give oxygen. If irritation persists, obtain medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Extinguish all sources of ignition. Contain spill and soak up spilled material with inert absorbent material and place in a labeled closed container.**WASTE DISPOSAL METHOD:** Consult local environmental authorities. Dispose of cans in non-incinerated trash.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following the manufacturer's recommendations.**VENTILATION****LOCAL:** Recommended**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Chemical resistant.**EYE PROTECTION:** Safety glasses and/or face shield.**OTHER PROTECTIVE EQUIPMENT:** Impervious clothing.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame.**OTHER PRECAUTIONS:** Keep out of reach of children. Do not puncture or incinerate can.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Consumer Commodity**DOT CLASS:** ORM-D**DOT ID NUMBER:** None**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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