

(MSDS)

ITEM NUMBER: 063 - SOLVENT CLEANER & DEGREASER

VERSION 2 EFFECTIVE DATE: 09/21/01 SUPERCEDES: 04/22/98 PREPARED BY: Ron Cepa

Section(s) Revised: HMIS, II, III, IV, VI, VIII, IX

IDENTITY (As Used On Label and List): SOLVENT CLEANER & DEGREASER

EMERGENCY MEDICAL Telephone# 1-800-228-5635 X 009 (24 Hrs) Outside of the U.S.A. Call 651-632-9275

PRODUCT HAZARD RATINGS (HMIS): - Health = 1*, Fire = 1, Reactivity = 0, Protective Equipment = B

(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, * = Chronic Hazard)

SECTION I

SPRAYWAY, INC.

484 VISTA AVE.

ADDISON

IL 60101

DATE PRINTED : 10/10/01 NAME OF PREPARER : Ron Cepa

TELEPHONE NUMBER FOR INFORMATION : 1-800-332-9000

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names

CAS # SARA ACGIH

OSHA

% By Wt.

SEC 313

TLV-TWA/STEL

PEL-TWA/STEL

Trichloroethylene

79-01-6

Yes

50 ppm/100 ppm

50 ppm/200 ppm

80-100

Carbon dioxide

124-38-9

No

5000 ppm/30,000 ppm

5000 ppm/ NE

1-5

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA

Vapor Pressure (psig): 100 @ 130F

Specific Gravity (H2O=1): 1.456 pH: NA

Solubility/Water: Negligible

Vapor Density (AIR=1): ND

Evaporation Rate (Ether=1): ND

Appearance and Odor: Aerosol spray with characteristic odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: Product is not required to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: <0F (Propellant); None (Concentrate)

Flammable Limits - % Volume In Air (Trichloroethylene): LEL: 7.8 UEL: 52.0

Extinguishing Media: Carbon dioxide, water spray or dry chemical.

Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with

NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-

130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION V - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: NA

Incompatibility (Materials to Avoid): Oxidizing agents, caustic soda and caustic potash.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbon vapors, smoke.

Conditions to Avoid: Keep away from heat, flames, and electric arcs. Dropping of containers may cause bursting.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry - Inhalation: X Eyes: X Skin: X Ingestion:

HAZARDS IDENTIFICATION: EYES: May cause mild irritation. SKIN: Prolonged or repeated contact may dry the skin and lead to irritation (i.e. dermatitis). INHALATION: Irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination. Nausea, vomiting and stomach upset can occur. INGESTION: Irritating to the mouth, throat and stomach. Can cause dizziness, faintness, headaches, and incoordination. Possible aspiration hazard. May cause inflammation of the lungs.

AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing liver and kidney conditions.

CHRONIC EFFECTS/TARGET ORGANS: Liver. Kidneys. Nervous system.

EMERGENCY AND FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists. SKIN: Wash with soap and plenty of water. INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. INGESTION: Get medical attention. Victim should drink a small amount of water to dilute stomach content, and if vomiting occurs have victim lean forward to reduce risk of aspiration. Never give anything by mouth to an unconscious person.

CARCINOGENICITY:

ACGIH IARC NTP OSHA
Trichloroethylene No 2A No No

TOXICITY INFORMATION:

Trichloroethylene:

Testing by inhalation of trichloroethylene has shown lung and liver tumors in mice and kidney tumors in rats.

Incidence of kidney cancer is statistically elevated among exposed workers. One study shows that exposure to high concentrations over prolonged periods may cause renal tumors in humans.

LD50 Oral (Rat): 5650 mg/kg

LD50 Dermal (Rabbit): >20,000 mg/kg

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Releases or Spills: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal Method: Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

Handling And Storing: Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120F (48.9C). Store as Level 1 Aerosol (NFPA 30B).

Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

SECTION VIII - EMPLOYEE PROTECTION

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: General ventilation is adequate under normal conditions; mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves are recommended - consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Safety glasses are recommended.

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact.

Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals.

Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

SECTION IX - OTHER REGULATORY CONTROLS

FEDERAL:

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

STATE RIGHT-TO-KNOW:

California:

Proposition 65: Warning: This product contains a chemical(s) known to the state of California to cause cancer.

Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

Refer to Section II.

SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)

Shipping Name: Consumer Commodity Hazard Class: ORM-D

NG-- Negligible NA-- Not Applicable NE-- Not Established UN-- Unavailable ND-- Not Determined

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

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