

ITEM NUMBER: C-861

IDENTITY (As Used On Label and List): Spot Remover

VERSION 2 EFFECTIVE DATE: 10/19/04 SUPERCEDES: 09/29/98 PREPARED BY: Regulatory Compliance

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

EMERGENCY MEDICAL Telephone# 1-866-836-8855 (24 HRS)

Outside the U.S.A. Call 952-852-4646

PRODUCT HAZARD RATINGS (NFPA): 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

CLAIRE MANUFACTURING
500 VISTA AVE.
ADDISON, IL 60101

TELEPHONE NUMBER FOR INFORMATION: 1-800-252-4731

DATE PRINTED: November 23, 2005

NAME OF PREPARER: Regulatory Compliance

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Chemical Names	CAS #	SARA Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
TrichloroethylenE	127-18-4	No	25 ppm/100 ppm	100 ppm/200 ppm*	40 - 50
Perchloroethylene	79-01-6	Yes	50 ppm/100 jppm	100 ppm/200 ppm*	40 - 50
Carbon Dioxide	124-38-9	No	5000 ppm/30,000 ppm	5000 ppm / NE	1 - 5

Balance of ingredients are non-hazardous or below reportable levels.

* Acceptable ceiling concentration

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA **Vapor Pressure (psig)(± 5):** 125 @ 130°F / 89 @ 70°F**Specific Gravity – calculated (H20=1):** 1.599 ± 0.005 **pH:** NA **Solubility/Water:** <1%**Vapor Density (AIR=1):** ND **Evaporation Rate (Ether=1):** ND

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:** None (Propellant); None (Concentrate)**Flammable Limits - % Volume In Air (Propellant):**LEL: 7.8% (trichloroethylene) UEL: 52% (trichloroethylene)**Extinguishing Media:** Carbon dioxide, water spray, foam, or dry chemical.**Special Fire Fighting Procedures:** Wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Protect against bursting cans.**Unusual Fire and Explosion Hazards:** Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F(48.9°C) may cause cans to burst. Emits toxic fumes under fire conditions.

SECTION V - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** NA**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, phosgene, hydrogen chloride, chlorine**Incompatibility/Conditions to Avoid:** Avoid metal powders, amines, strong oxidizing agents and bases. Keep away from ultraviolet light, electric arcs, heat, sparks and open flames. Dropping containers may cause bursting.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Y Eyes: Y Skin: Y Ingestion: N**HAZARDS IDENTIFICATION:****Eye:** Causes irritation.**Skin:** Causes irritation. Prolonged or repeated contact may cause defatting of the skin.**Inhalation:** Breathing vapors or mists may cause irritation of the mucous membranes and upper respiratory tract. Excessive overexposure may cause headache, dizziness, drowsiness, depressed respiration and heart rate, heart rhythm irregularities, shortness of breath, unconsciousness or death.**Ingestion:** Ingestion is an unlikely route of exposure for aerosol products. May cause gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhea. Large amounts swallowed may cause central nervous system depression. Aspiration into the lungs may result in lung damage.**AGGRAVATED MEDICAL CONDITIONS:** Persons with pre-existing skin, respiratory and cardiovascular disorders.**CHRONIC EXPOSURE:** Prolonged overexposure to tetrachloroethylene and trichloroethylene may cause liver and kidney damage.**EMERGENCY AND FIRST AID PROCEDURES:****Eye:** Rinse thoroughly with water for at least 15 minutes, holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.**Skin:** Immediately remove contaminated clothing. Wash exposed area thoroughly with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use.**Inhalation:** Remove victim to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.**Ingestion:** Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs rinse mouth with a small amount of water and give one to two glasses of water to drink. Immediately call local poison control center or go to an emergency department. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person.**CARCINOGENICITY:**

Trichloroethylene and tetrachloroethylene are classified by IARC as group 2A carcinogens and by NTP as reasonably anticipated to be human carcinogens.

TOXICOLOGICAL INFORMATION:

This product has not been tested as a whole. The following is the available toxicity data for the components.

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):	>2,000 mg/kg
LC50 Inhalation (Mouse):	8,450 ppm/4 hr.

Tetrachloroethylene:

LD50 Oral (Rat):	2,269 mg/kg
LD50 Dermal (Rabbit):	>3,228 mg/kg
LC50 Inhalation (Mouse):	5,040 ppm/8 hr.

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. Disposal regulations may be different for each state and/or locality.

Handling And Storing: Avoid contact with eyes and skin. Avoid breathing vapors and mists. Use only with adequate ventilation. Wash exposed skin thoroughly with soap and water after use. Keep away from heat sources, electric arcs and sources of ultra-violet light. Contents under pressure. Do not puncture or incinerate container. Do not contaminate water supplies.

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.

Store in a cool, well ventilated area at temperatures below 120°F (48.9°C). Do not store in direct sunlight. Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C).

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): For operations where the occupational exposure limit may be exceeded, a NIOSH approved organic vapor respirator or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with OSHA 1910.134, ANSI Z88.2 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

Ventilation: General ventilation should be adequate for normal use. For operations where the occupational exposure limit may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

Protective Gloves: Impervious gloves are recommended for operations which may result in prolonged / repeated skin contact – consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Wear chemical safety glasses or goggles to prevent eye contact.

Other Protective Clothing or Equipment: Protective clothing if needed to avoid prolonged / repeated skin contact. Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

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

Chemical	CAS Number
Trichloroethylene	79-01-6
Tetrachloroethylene	127-18-4
Carbon Dioxide	124-38-9

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

Proper Shipping Name: Consumer Commodity **Hazard Class:** ORM-D

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

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