

**MATERIAL SAFETY DATA SHEET**  
**MSDS**

ITEM NUMBER: 064 - Solvent Cleaner &amp; 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 &amp; Degreaser

EMERGENCY MEDICAL Telephone# 1-888-627-8740 (24 Hrs)

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)

**SECTION I**

MYERS SUPPLY, INC.  
831 THIRD STREET  
HOT SPRINGS, AR 71913

TELEPHONE NUMBER FOR INFORMATION: 501-623-7742  
DATE PRINTED: 5/19/03  
NAME OF PREPARER: Ron Cepa/EDITED BY: Billy Johnson

**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Chemical Names	CAS#	SARA Title III SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By Wt.
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: &lt;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.

EFFECTIVE DATE: 09/21/01    SUPERCEDES: 04/22/98    PREPARED BY: Ron Ceba