Chemtronics®

DPL-2®
CD214

IDENTIFICATION
Name: DPL-2 Rust Inhibitor
CAS Registry No.: Mixture
Manufacturer: Chemtronics, Inc.
8125 Cobb Center Drive
Kennesaw, GA 30144

Chemical Family: Halogenated Hydrocarbon
Formula: CCl₃, CH₄
and Proprietary Ingredients
Medical/Transportation Emergency Phone:
1-800-424-9300 (Chemtrec)
(404) 424-4688
(404) 424-4267 (Fax)

PHYSICAL DATA
Boiling Point: 165.4°F
Melting Point: N/A
Vapor Pressure: 100 mm Hg @ 68°F
Evaporation Rate (Butyl acetate=1): >1
Vapor Density (Air=1): 4.54 @ 68°F
Appearance: Clear
Solubility in Water: Negligible
Form: Liquid
Specific Gravity (Water=1): 1.30
Color: Colorless
Odor: Ethereal

INGREDIENTS
Material(s): CAS Registry No.(s):
1,1,1-Trichloroethane 71-55-6
Petroleum Sulfonate N/A
Carbon Dioxide 124-38-9

HAZARDOUS REACTIVITY
Stability: Material is stable. However, avoid spraying near open flames or red hot surfaces. Do not heat aerosol containers above 120°F/49°C.
Decomposition or By-products: This compound can be decomposed by high temperatures (open flames, glowing metal surfaces, etc.) forming hydrochloric and hydrofluoric acids and possibly carbonyl halides.
Incompatibility: Alkali and alkaline earth metals—powdered Al, Zn, Be, or Mg. Also reacts with strong caustics.
Polymerization: Will not occur.

FIRE AND EXPLOSION DATA
Flash Point: None
Method: TOC
Autoignition Temperature: N/A
Flammable Limits in Air, % by Vol.:
Lower: 8% by volume
Upper: 15% by volume
Autodecomposition Temperature: N/A

Fire and Explosion: Pressurized aerosol containers may vent, rupture or explode and add to flying and falling debris. Decomposition may occur.
Extinguishing Media: CO₂, water fog, dry chemical.
Special Fire Fighting Instructions: Self-contained breathing apparatus (SCBA) and protective clothing may be required if containers rupture and contents are released under fire conditions.

HEALTH HAZARD INFORMATION
Principal Health Hazards—Routes of Entry:
Inhalation: Vapor is heavier than air and can cause suffocation by reducing oxygen available for breathing.
1,1,1-Trichloroethane LC50/Rats 14,250 ppm/7 hrs
Eye: Contact will cause extreme irritation.
Ingestion: Swallowing this product may result in irritation of the mouth, throat and GI tract. Vomiting and subsequent aspiration of material into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.
1,1,1-Trichloroethane LD50/Rabbits 10.3 g/kg
Skin: Repeated liquid contact can cause defatting of the skin.
1,1,1-Trichloroethane LD50/Rabbits >3,900 mg/kg
Note: In screening studies with experimental animals, exposure at approximately 5,000 ppm (v/v) and above, followed by a large intravenous epinephrine challenge, has induced serious cardiac irregularities.

Exposure Limits:
Material: TWA STEL PEL
(ACGIH): (ACGIH): (OSHA):
1,1,1-Trichloroethane 350 ppm 450 ppm 350 ppm
Petroleum Sulfonate N/A N/A N/A
Carbon Dioxide 10,000 ppm 30,000 ppm 10,000 ppm

Signs and Symptoms of Over-Exposure:
Inhalation: Breathing high concentrations of vapor can cause light-headedness, dizziness, shortness of breath, headache and may lead to narcosis, cardiac irregularities, circulatory system depression, unconsciousness or death.
Eye: Contact will cause extreme irritation.
Ingestion: Swallowing this product may result in irritation of the mouth, throat and GI tract. Vomiting and subsequent aspiration of material into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.
Skin: Irritation or reddening may occur due to defatting.

Medical Conditions Possibly Aggravated by Exposure:
Cardiovascular disease. (See Inhalation section)

First Aid:
Inhalation: Remove to fresh air and call a physician. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficult, give oxygen. Do not give epinephrine or similar drugs.
Eye: Immediately flush with water for 15 minutes. Seek medical attention.
Ingestion: If conscious, give large quantities of water. DO NOT induce vomiting. Seek immediate medical attention. If unconscious or in convulsions, transport immediately to a hospital. DO NOT attempt to give anything by mouth to an unconscious person.
Skin: Flush with water. If irritation occurs or persists, seek medical attention.

Note to Physicians: Because of the possible increased risk of eliciting cardiac dysrhythmias, catecholamine drugs, such as epinephrine, should be used only as a last resort in life threatening emergencies.

Carcinogenicity:
Components are not listed as carcinogens by IARC or NTP. OSHA regulated - yes; OSHA air contaminant. Toxic - yes; low toxicity. (See Inhalation and Ingestion sections)
CONTROL/PPE MEASURES

Control/PPE ID  Control/PPE
Respiratory Protection: No 11 Good ventilation/H.C. Resp.
Ventilation: No 5 As needed to comply with TLV
Protective Gloves: Yes 9 Unlined neoprene rubber
Eye Protection: Yes 1 Chemical splash goggles
Other Protection: Yes 2 Eye bath & protective clothes

Work/Hygienic Practices: Normal ventilation for standard manufacturing procedures is generally adequate. Local exhaust should be used when large amounts are released. Mechanical ventilation should be used in low places.

NFPA Codes: Health: 3, Flammability: 1, Reactivity: 1.

DISPOSAL INFORMATION

Spill, Leak or Release: Ventilate area. Remove open flames or other sources of ignition. Collect spilled product with absorbent material and place in closed steel drums for proper disposal.
SARA 311 Quantity: 1,300.00
Units of Measure: Lb.

Waste Disposal: Comply with all Federal, State and Local regulations. Do not puncture or incinerate aerosol cans.

SECTION 313 SUPPLIER INFORMATION

Other Precautions: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

CAS #: CHEMICAL NAME: WEIGHT:
71-55-8 1,1,1-Trichloroethane 78.0%

This information should be included in all MSDSs copied and distributed for this material.

Contains chemicals listed on the TSCA Inventory: Yes

OTHER INFORMATION

Storage Conditions: Do not store near sources of heat, in direct sunlight, or where temperature exceed 120°F. Do not puncture or damage containers. Rotate stock.

Date Revised: 1/91

Person Responsible: M. Watkins, Quality Control Manager

Chemtronics Inc.
8125 Cobb Centre Drive
Kennesaw, GA 30144
(404) 424-4888

The information contained herein is based on current technical data and tests which we believe to be accurate and reliable. It is intended for use by persons having technical knowledge and skill, at their own discretion and risk. We can assume no liability for results obtained or damages incurred through improper use of product or application of data. Contact Chemtronics for further information.