

MATERIAL SAFETY DATA SHEET

SECTION I – IDENTITY AND RESPONSIBLE PARTY INFORMATION

1229090165

Responsible Party: **Canberra Corporation**Product Name: **1229 Vandalism Mark & Stain Remover**Address: **3610 Holland-Sylvania Rd.
Toledo, Ohio 43615**

Date Prepared: 5-1-03

Emergency Telephone No. **1-419-841-6616**
And Other Information

Prepared By Regulatory Affairs Department

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

Specific Chemical Identity: Common Name(s)	CAS #'s	WT%	PEL	TWA-TLV
Dichloromethane	75-09-2	43.0	50ppm	25ppm
Tetrachloroethylene	127-18-4	10.0	50	100
Toluene	108-88-3	15.0	50	200
Nonylphenol Ethoxylate	9016-45-9	1.5	NE	NE
Liquefied Petroleum Gas(LPG)	68476-85-7	10	1000 ppm	1000 ppm

THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND*REAUTHORIZATION ACT OF 1986 AND 40 CFR Part 372**

NFPA RATING - HEALTH: 2 FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION EQPT: A

SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Specific Gravity (H₂O = 1): <1.0

Vapor Pressure : 90 psig at 130°F

Vapor Density: (Air=1): >1

pH: N/A

Evaporation Rate (Ether=1): <1

Solubility in Water: Negligible

Appearance and Fragrance: Wet spray, Chlorinated odor.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: Flammable as described by 16 CFR 1500.45.

Flammable Limits –

LEL – 1.8

UEL –9.2

Extinguishing Media – CO₂/Foam or dry chemical.

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

Unusual Fire and Explosion Hazards – At elevated temp. (over 54C-130°F) containers exposed to direct flame or heat contact should be cooled w/water to prevent weakening of container structure.

SECTION V – PHYSICAL HAZARDS

Stability Unstable
Stable X

Conditions to Avoid – Do not store above 54C-130°F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.

Incompatibility (Materials to Avoid) – Oxidizing agents

Hazardous Decomposition Products or By-products – Toxic chemicals may be formed in small amounts.

Hazardous May Occur

Conditions to Avoid – None Known

Polymerization Will not Occur X

SECTION VI – HEALTH HAZARDS

Route(s) of Entry:

Inhalation? X

Skin? X

Ingestion? X

Eyes? X

Health Hazards (1. Acute and 2. Chronic) – **1. ACUTE:** Harmful if swallowed. Eye and skin irritant. **2. CHRONIC:** Chronic exposure to methylene chloride & perchloroethylene has caused liver toxic effects in experimental animals.

Chemical Listed as Carcinogen or Potential Carcinogen

National Toxicology Program

No X

I.A.R.C. Monographs

No X

OSHA

No X

Signs and Symptoms of Exposure: Irritation, burning, dizziness.

Emergency and First Aid Procedures: **Eye Contact:** Flush with large quantities of water, seek medical attention if irritation occurs. **Skin Contact:** Remove contaminated clothing. Flush skin with water, follow by washing with soap and water. If irritation occurs, get medical attention Do not reuse clothing until cleaned. **Ingestion:** Seek medical attention. **Inhalation:** Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled – Remove all ignition sources. Ventilate area. Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method – Do not puncture or incinerate containers. Dispose of in accordance with local, state and federal regulations.

Precautions to be Taken in Handling and Storing – Avoid breathing vapors. Keep out of reach of children. For use by trained personnel only. Use with adequate ventilation. Keep away from heat or flame. Store in cool dry place. **Other Precautions:** Please read & follow the directions on the product label; they are your best guide to using this product in the most effective way, & give the necessary safety precautions to protect your health. **Store as level 1 Aerosol (NFPA 30 B)**

SECTION VIII – CONTROL MEASURES

Respiratory Protection – Non required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure. **Ventilation:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limits. **Local Exhaust:**As Required **Protection Gloves:** Chemical Resistant Gloves **Eye Protection:** Chemical Safety glasses recommended. **Work/Hygiene Practices:** Ensure strict sanitary conditions are conformed to when using chemicals. Protective clothing & equipment should be in accordance with 29 CFR 1910.132 & CFR 1910.133.**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.**

The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendation contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. Canberra Corporation, however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that the persons receiving the same will be required to make their own determination as to its suitability for their purposes prior to use. In no event will Canberra Corporation be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is simply to be informative and intended solely to alert the user of the substance which is the subject matter of this Material Safety Data Sheet. The ultimate compliance with federal, state and local regulations concerning the use or disposal of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.

N/A (Not Applicable/Not Available)

N/E (Not Established)

*Pertains to Skin.