

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

ONTARIO SUPPLY CORP.
100 NORTH MOHAWK ST.
P.O. BOX 437
COHOES, NEW YORK 12047

01-97

000225

MATERIAL SAFETY
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: 3M Cable Cleaner and Degreaser 1606
3M I.D. NUMBER: 62-4622-2925-3 62-4622-4725-5
ISSUED: DECEMBER 8, 1986
SUPERSEDES: MARCH 1, 1985
DOCUMENT: 10-9113-1

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
I-1-1-trichloroethane*	71-55-6	65.0	350 ppm 1
*contains <2.0% 1,4-dioxane	123-91-1		25 ppm 1
perchloroethylene	127-18-4	41.0	50 ppm 1
carbon dioxide (propellant)	124-38-9	2.5- 3.0	5000 ppm 1

SOURCE OF EXPOSURE LIMIT DATA:

1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:

- N/D - Not Determined
- N/A - Not Applicable

2. PHYSICAL DATA

BOILING POINT:	Compressed gas
VAPOR PRESSURE:	Compressed gas
VAPOR DENSITY (Air=1):	Approx. 5
EVAPORATION RATE (Ether=1):	<5
APPEARANCE AND ODOR:	Colorless liquid, sweet odor
SOLUBILITY IN WATER:	Very slight
SP. GRAVITY (Water=1):	N/A
PERCENT VOLATILE:	100%
VISCOSITY:	N/A
pH:	N/D

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup): Non-Flam.
FLAMMABLE LIMITS - LEL: 8.0 UEL: 10.5

EXTINGUISHING MEDIA:

CO2, foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Overheated, closed containers adjacent to fire could explode due to pressure buildup. (Treat as a pressurized product.)

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

CONDITIONS TO AVOID: Do not puncture or incinerate. Do not store at temperatures above 120F.

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2, HF, HCl and possible trace amounts of chlorene and phosgene when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

If cans rupture, observe precautions from other sections. Extinguish all ignition sources and ventilate area. Use inorganic absorbent to absorb spill, place absorbed product and partially full cans in a U.S. Dept. of Transportation approved metal container and seal.

RECOMMENDED DISPOSAL:

Incinerate absorbed product and partially full cans in a hazardous waste facility. Dispose of empty cans in a sanitary landfill or incinerate in a commercial facility capable of handling aerosol cans. Consult applicable regulations or authorities before disposal as the product contains halogens.

ENVIRONMENTAL DATA:

CAS 71-55-6 is listed as a priority pollutant by USEPA. Clean Water Act, Section 307.

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with large amounts of water for at least 10 minutes. Call a physician.

SKIN CONTACT:

Wash with soap and water.

INHALATION:

Move affected person to fresh air at once. If breathing difficulties persist, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of milk or water. Call a physician or poison control center. If spontaneous vomiting should occur, lower the person's head below the hips to prevent aspiration into the lungs. (Do not give liquids to an unconscious person.)

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7. PRECAUTIONARY INFORMATION

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Use only in areas with sufficient ventilation to maintain vapor concentrations below the recommended exposure limits. Avoid breathing vapor and mist. Avoid vapor contact with open flame, welding arcs or other high temperature sources which can cause vapor decomposition and harmful gases. Avoid contact with eyes and skin; wear appropriate eye protection and impervious gloves. Keep out of the reach of children.

NOTE: Do not take internally. Deliberate concentration and inhalation or swallowing may be harmful or fatal. For high volume usage, local exhaust ventilation should be used to maintain exposure levels below the established T.L.V.'s. Do not puncture or incinerate can. Do not store at temperatures above 120F.

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8. HEALTH HAZARD DATA
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EYE CONTACT: Liquid and vapor may cause eye irritation. Excessive overexposure to carbon dioxide may cause vision effects with transient blindness.

SKIN CONTACT: May defat the skin causing dryness, cracking and irritation possibly leading to dermatitis.

INHALATION: Vapor overexposure may cause respiratory system irritation and light-headedness. Deliberate misuse by concentration and inhalation of vapor may cause sudden death. Chronic overexposure to 1,1,1-trichloroethane vapors may cause mild liver and kidney injury and heart rhythm disturbances. Repeated or extreme overexposure to perchloroethylene may cause liver and kidney damage. Chronic overexposure to carbon dioxide may cause significant physiological effects including liver, kidney, heart, and striated muscle damage, and causes changes in blood and urine composition. Symptoms of overexposure may include headache, dizziness, weakness, fatigue, and on extreme overexposure, unconsciousness.

INGESTION: Accidental swallowing is not likely from an aerosol container. Swallowing of small amounts could cause irritation of the digestive system. Swallowing large amounts may cause nausea, vomiting, burns, lowered blood pressure, heart rhythm disturbances, lung damage and mild liver and kidney damage.

NOTE: 1,1,1-trichloroethane contains stabilizers, including 1,4-dioxane, a potential cancer hazard. No carcinogenic potential was revealed from studies in which laboratory animals were exposed by inhalation or ingestion to 1,1,1-trichloroethane containing 2.0% 1,4-dioxane. No birth defects or reproductive disorders were observed among exposed laboratory animals.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.
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