

**MATERIAL SAFETY DATA SHEET**

CRC Industries, Inc. • 885 Louis Drive • Warminster, PA 18974 • (215) 674-4300

FOR 24 HR. EMERGENCY INFORMATION CALL CHEMTREC 1-800-424-9300

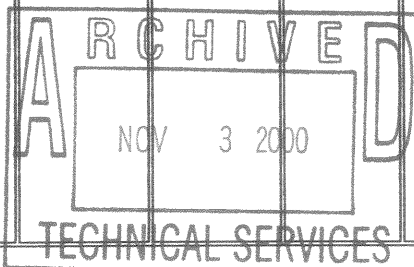
PRODUCT NAME CRC ELECTRONIC DEGREASER

#-MSDS14003

PRODUCT- 14003

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1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Trichlorotrifluoroethane	76-13-1	1000 ppm	1000 ppm		62
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm		34
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm		4

**2. PHYSICAL DATA : (without propellant)**

Specific Gravity : 1.18

Vapor Pressure : 5.5 @ 77 F

% Volatile : 100

Boiling Point : 117.6 F

Evaporation Rate : >1 (carbon tet=1)

Freezing Point : NA

Vapor Density : > air

Appearance and Odor:

pH: NA

Colorless liquid.

Solubility : Some solubility in water. Soluble in many organic liquids.

3. FIRE AND EXPLOSION DATA

Flashpoint : None Method : No flash to boil- TCC

Flammable Limits : NA LEL: UEL:

Extinguishing Media : CO2, foam

Unusual Hazards : Aerosol containers may explode when heated above 120 F.

4. REACTIVITY AND STABILITY

Stability : Very stable

Hazardous decomposition products

: Halogens, halogen acids, possibility of phosgene.

Materials to avoid : Powdered metals such as aluminum, magnesium, zinc, calcium, strong alkali, strong oxidizing agents.

5. PROTECTION INFORMATION

Ventilation : Maintain vapor concentration below TLV.

Respiratory : Use self contained breathing apparatus above TLV.

Gloves : Neoprene

Eye & Face : Safety goggles

Other Protective Equipment: Not normally required with aerosol product usage.

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PRODUCT NAME : CRC ELECTRONIC DEGREASER #MSDS14003
PRODUCTS- 14003
MANUFACTURED BY : CRC INDUSTRIES, INC. PHONE (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA. 18974

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6. HEALTH HAZARD DATA

Primary Routes of Entry : Inhalation, Skin

Signs and Symptoms of Exposure

1. Acute Overexposure:

Inhalation: drowsiness, lightheadedness, possible cardiac arrhythmias at high conc. Skin: may cause defatting and dermatitis. Eyes: severe irritation.

2. Chronic overexposure: May cause skin irritation with repeated contact.

Medical Conditions Generally Aggravated by Exposure

: Impaired cardiovascular function such as cardiac arrhythmias may be sensitized by inhalation.

Chemical Listed as Carcinogen : No National Toxicology Program
or Potential Carcinogen : No IARC Monographs
: No OSHA

Emergency and First Aid Procedures : (If symptoms persist, call a physician)

1. Inhalation : Remove to fresh air. Apply artificial respiration if necessary.
2. Eyes : Flush with large amounts of water for 15 minutes.
3. Skin : Wash area with soap and water.
4. Ingestion : DO NOT induce vomiting. Call a physician.

7. SPILL OR LEAK PROCEDURES

Precautions to be taken : Store in a cool, dry, area.
in Handling and Storage

Steps to be taken in case : Material evaporates quickly. Ventilate area,
Material is released or evacuate personnel until concentration is below
spilled TLV or use self contained breathing apparatus.

Waste Disposal : All used and unused Product should be disposed of in
conformance with local, state and federal regulations.

8. SPECIAL PRECAUTIONS AND USE DIRECTIONS :

Aerosol containers may explode if exposed to temperatures over 120 F.
Vapors are very heavy and will collect in low areas. Oxygen would be
displaced and asphyxiation could result. Good ventilation is a must
for low areas and confined spaces.

9. NFPA HAZARD RATINGS Health:1 Flammability:0 Reactivity:1

10. SARA Information

This product contains the following chemicals that are subject to release
reporting under Section 313 of SARA Title III.

Chemical Name	CAS-#	Percent
Trichlorotrifluoroethane	76-13-1	62

PREPARED BY: Jon Brown ORIGINAL DATE or DATE OF REVISION: 04/08/93