



1005

PRODUCT NAME Brake Parts Cleaner

#-MSDS1005
PRODUCT-1005

(Page 1 of 2)

1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Tetrachloroethylene	127-18-4	50 ppm	25 ppm		75-85
Petroleum Distillate	8052-41-3	NA	NA	100 ppm	10-20
Carbon Dioxide	124-38-9	5000 ppm	10000		2-5

2. PHYSICAL DATA : (without propellant)

Specific Gravity : 1.384 @25 C

Vapor Pressure : ND

% Volatile : 100%

Boiling Point : est. 104 F

Evaporation Rate : Rapid

Freezing Point : ND

Vapor Density : ND

Appearance and Odor:

pH: NA

Colorless liquid- irritating odor at high concentrations.

Solubility : Slight solubility in water- good solvent for many organic materials.

3. FIRE AND EXPLOSION DATA

Flashpoint : None Method : TCC, TOC, COC

Flammable Limits : LEL:NA UEL:NA

Extinguishing Media : Water fog

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

4. REACTIVITY AND STABILITY

Stability : Stable

Hazardous decomposition products

: Thermal- Hydrogen chloride, chlorine, and some phosgene-avoid open flames, arcs or high temps.

Materials to avoid : Avoid storage in aluminum containers or contact with aluminum and/or zinc powder.

5. PROTECTION INFORMATION

Ventilation : Maintain vapor concentration below TLV. Use mechanical means if necessary.

Respiratory : Above TLV use positive pressure self-contained breathing apparatus.

Gloves : Solvent resistant Eye & Face : Safety glasses

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

MATERIAL SAFETY DATA SHEET

PRODUCT NAME : Brake Parts Cleaner #MSDS1005
PRODUCTS-1005
MANUFACTURED BY : CRC INDUSTRIES, INC. PHONE (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA. 18974
(Page 2 of 2)

6. HEALTH HAZARD DATA
Primary Routes of Entry : Inhalation, Skin

Signs and Symptoms of Exposure

1. Acute Overexposure:
Eyes & skin - irritation. Inhalation - causes central nervous sys. effects, dizziness, drunkenness, headaches, irritation to upper respiratory tract, unconsciousness and irregular heartbeats.
2. Chronic overexposure: Repeated overexposures caused liver and kidney effects in laboratory animals.

Medical Conditions Generally Aggravated by Exposure
: Risk to your health depends on the level and duration of exposure.

Chemical Listed as Carcinogen : Yes National Toxicology Program
or Potential Carcinogen : Yes IARC Monographs
Tetrachloroethylene : Yes 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 : Remove contaminated clothing. Wash exposed 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 : Usually not a problem with aerosols. Area should
Material is released or be ventiated and an absorbent used to pick up
spilled excess material.

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 :

Since the vapors are heavier than air, aerosols should not be used in confined areas or low spots without adequate ventilation. If vapors are suspected in low areas, do not enter unless special breathing apparatus is used & an observer is present for assistance.

9. NFPA HAZARD RATINGS Health:2 Flammability:1 Reactivity:0

10. SAPA Information

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

Chemical Name	CAS-#	Percent
Tetrachloroethylene	127-18-4	75-80

PREPARED BY: JIM BROWN

ORIGINAL DATE or DATE OF REVISION. 12/17/92