

**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME : Brake Parts Cleaner (aerosol) #-MSDS1005  
 PRODUCTS-1005

MANUFACTURED BY: CRC INDUSTRIES, INC.  
 885 LOUIS DRIVE, WARMINSTER, PA. 18974

Phone: (215) 674-4300

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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.

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### 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 system effects, headaches, dizziness, drunkenness, irritation to upper respiratory tract, unconsciousness and irregular heartbeats.

2. Chronic overexposure: Repeated overexposures have 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  
: 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 ventilated 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 lowspots without adequate ventilation. If vapors are suspected in a low area, 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. 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
Tetrachloroethylene	127-18-4	75-85

PREPARED BY: Adam Selisker ORIGINAL DATE or DATE OF REVISION: 05/18/94