



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: BRAKLEEN AEROSOL

#-HSUS05089

PRODUCT-05089, 05089P, 05089T

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1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Tetrachloroethylene	127-18-4	25 ppm	25 ppm		> 90
Carbon Dioxide	124-38-9	5000 ppm	10000		< 10

2. PHYSICAL DATA

Specific Gravity : 1.619

Vapor Pressure : 13 mmHg

Volatile : 100

Boiling Point : 250 F

Evaporation Rate : Rapid

Freezing Point : ND

Vapor Density : > air

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 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 powders.

5. PROTECTION INFORMATION

Ventilation : Adequate to prevent the accumulation of vapors.

Respiratory : Positive pressure self-contained breathing apparatus if accumulation of vapors is suspected.

Gloves : Solvent resistant Eye & Face : Safety glasses

Other Protective Equipment: Apron and boots if possibility of body contact exists.

From: CRC Industries

To: 7654940452

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U-1KSDS05089

PRODUCTS-05089,05089P,05089T

MANUFACTURED BY : CRC INDUSTRIES, INC.

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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 effects.

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 : Keep out of water supply. Ventilate area. Do not
Material is released or enter spill area without respirator. Dike area and
spilled pump into containers or use absorbent to pick up.

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 :

Avoid contact with skin. Avoid breathing of vapors. Vapors are heavier than air and will collect in low areas. If vapors are suspected in low areas, do not enter unless special breathing apparatus is used and an observer is present for assistance. Tetrachloroethylene is listed as a carcinogen.

9. NFPA HAZARD RATINGS Health:2 Flammability:0 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	> 90

PREPARED BY: Adam Selisker ORIGINAL DATE or DATE OF REVISION: 04/07/98