

CRC CHEMICALS U.S.A. -- BRAKLEEN BRAKE PARTS CLEANER-AEROSOL, 05089,05089-6,05089P,0  
-- 6850-01-158-3928

===== Product Identification =====

Product ID: BRAKLEEN BRAKE PARTS CLEANER-AEROSOL, 05089,05089-6,05089P,0

MSDS Date: 01/26/1999

FSC: 6850

NIIN: 01-158-3928

Status Code: A

MSDS Number: CKFMJ

=== Responsible Party ===

Company Name: CRC CHEMICALS U.S.A.

Address: 885 LOUIS DRIVE

City: WARMINSTER

State: P

A

ZIP: 18974-2820

Country: US

Info Phone Num: 215-674-4300

Emergency Phone Num: (800)424-9300

Resp. Party Other MSDS Num.: CRC#419G

Preparer's Name: ADAM SELISKER

Chemtrec Ind/Phone: (800)424-9300

CAGE: 10136

=== Contractor Identification ===

Company Name: CRC INDUSTRIES, INC.

Address: 885 LOUIS DRIVE

Box: City: WARMINSTER

State: PA

ZIP: 18974-2820

Country: US

Phone: 215-674-4300/800-424-9300

CAGE: 10136

Company Name: LAWRENCE F D ELECTRIC CO THE

Address: 5739 WEBSTER ST

Box: City: DAYTON

State: OH

ZIP: 45414

Country:

US  
Phone:513-890-1059  
Contract Num:SP0450-00-M-D173  
CAGE:79542  
Company Name:LAWRENCE F D ELECTRIC CO THE  
Address:5739 WEBSTER ST  
Box:City:DAYTON  
State:OH  
ZIP:45414  
Country:US  
Phone:513-890-1059  
Contract Num:SP0450-00-M-D720  
CAGE:79542

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Composition/Information on Ingredients  
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Ingred Name:TETRACHLOROETHYLENE  
CAS:127-18-4  
RTECS #:KX3850000  
> Wt:90.  
OSHA PEL:see Table Z-2  
ACGIH TLV:170 MG/M3;25 PPM  
ACGIH STEL:685 MG/M3;100 PPM  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
< Wt:10.  
OSHA PEL:9000 MG/M3;5000 PPM  
ACGIH TLV:9000 MG/M3;5000 PPM  
ACGIH STEL:54000 MG/M3

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50(RAT): UNKNOWN.  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:INHALATION: IRRITATION TO RESPIRATORY  
TRACT AND CENTRAL NERVOUS SYSTEM EFFECTS. EYES-IRRITATION.  
SKIN-IRRITATION. INGESTION-N/A. CHRON

IC OVEREXPOSURE: REPEATED

OVEREXPOSURE HAVE CAUSED LIVER EFFECTS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:INHALATION: HEADACHES, DIZZINESS, DRUNKENNESS, IRREGULAR HEARTBEATS, UNCONSCIOUSNESS, IRRITATION TO UPPER RESPIRATORY TRACT AND CENTRAL NERVOUS SYSTEM EFFECTS.

EYES-IRRITATION. SKIN-IRRITATION. INGESTI ON: NA

Medical Cond Aggravated by Exposure:SYMPTOMS DEPEND ON LEVEL AND DURATION OF EXPOSURE.

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First

Aid Measures =====

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. EYES-FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHING AND WASH AREAS WITH SOAP AND WATE R. INGESTED-CALL A PHYSICIAN. DO NOT INDUCE VOMITING.

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Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:WATER FOG.

Fir

e Fighting Procedures:REMOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. USE SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING. AEROSOL CANS MAY EXPLODE IF HEATED ABOVE 120F.

Unusual Fire/Explosion Hazard:HYDROGEN CHLORIDE AND SOME PHOSGENE FORMED DURING COMBUSTION.

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Accidental Release Measures =====

Spill Release Procedures:USUALLY NOT A PROBLEM WITH AEROSOLS. AREA SHOULD BE VENTILATED. ABSORBENT SHOULD BE USED TO PICK UP EXCESS MATERIAL. ALL

USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STAT E, AND LOCAL REGULATIONS.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. AEROSOL CANS MUST BE MAINTAINED BELOW 120F TO PREVENT CANS FROM EXPLODING.

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Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA COMPLIANT RESPIRATORS OR SELF-CONTAINED BREATHING APPARATUS ABOVE EXP

OSURE LIMITS. FOLLOW

OSHA REGUALTIONS 29CFR 1910.134.

Ventilation:ADEQUATE TO PREVENT THE ACCUMULATION OF VAPORS. USE MECHANICAL MEANS TO MAINTAIN LEVELS BELOW EXPOSURE LIMITS.

Protective Gloves:CHEMICALLY PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:WEAR CHEMICALLY PROTECTIVE GLOVES AND SAFETY GLASSES. USE A SPLASH APRON AND BOOTS IF SPLASHING OCCURS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

IF WORKING IN

A CONFINED SPACE, FOLLOW APPLICABLE OSHA REGULATIONS

.LAWRENCE P/N: 05089

===== Physical/Chemical Properties =====

HCC:V2

Boiling Pt:=121.1C, 250.F

Melt/Freeze Pt:M.P/F.P Text:ND

Vapor Pres:13 MMHG

Vapor Density:>AIR

Spec Gravity:1.619

Evaporation Rate & Reference:RAPID, NO REFERENCE

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID, IRRITATING ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materi

als to Avoid:YES

AVOID STORAGE IN ALUMINUM CONTAINERS OR CONTACT WITH ALUMINUM AND/OR ZINC POWDERS.

Stability Condition to Avoid:STRONG OXIDIZERS.

Hazardous Decomposition Products:NONE.

===== Toxicological Information =====

Toxicological Information:LONG-TERM TOXICOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT. SEE HEALTH SECTION OF THIS MSDS FOR ACUTE SYMPTOMS OF OVEREXPOSURE AND CARCINOGENICITY INFORMATION.

===== Ecologica

I Information =====

Ecological:ECOTOXICITY: NO DATA AVAILABLE. ENVIRONMENTAL FATE: NO DATA AVAILABLE FOR BIODEGRADATION.

===== Disposal Considerations =====

Waste Disposal Methods:THIS MATERIAL IF DISCARDED MAY BE HAZARDOUS WASTE UNDER U.S. EPA RCRA. ALL DISPOSAL ACTIVITIES MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONTACT YOUR LOCAL OR STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES. DO NOT DUMP INTO SEWER, ON T HE GROUND OR INTO BODY OF WATERS.

===== MSDS Transport Information =====

Transport Information:SHIPPING NAME: CONSUMER COMMODITY. HAZARD CLASS: ORM-D.

===== Regulatory Information =====

SARA Title III Information:SARA TITLE III: SECTION 311/312: ACUTE/CHRONIC. SECTION 3131: TETRACHLOROETHYLENE.  
Federal Regulatory Information:TSCA: ALL COMPONENTS ARE EITHER LISTED UNDER TSCA OR ARE EXEMPT. CERCLA/SUPERFUND (RQ): 100 L BS. EXTREMELY HAZARDOUS SUBSTANCE: NO.  
State Regulatory Information:CALIFORNIA PROP 65: THIS PRODUCT CONTAINS CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

===== Other Information =====

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