

C R C CHEMICALS U.S.A. -- BRAKE PARTS CLEANER 50 A;5089T -- 6850-01-158-3928

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Product Identification  
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Product ID: BRAKE PARTS CLEANER 50 A;5089T

MSDS Date: 02/05/1991

FSC: 6850

NIIN: 01-158-3928

MSDS Number: BKSJWZ

=== Responsible Party ===

Company Name: C R C CHEMICALS U.S.A.

Address: 885 LOUIS DRIVE

City: WARMINSTER

State: PA

ZIP: 18974-2820

Country: US

Info Phone Num: 215-674-4300

Emergency Phon

e Num: 215-674-4300

Preparer's Name: ALLEN REED

CAGE: IO004

=== Contractor Identification ===

Company Name: ADVANCED INDUSTRIES INC

Address: 415 NORTHCUTT STREET

Box: 5666

City: LONGVIEW

State: TX

ZIP: 75608

Country: US

Phone: 214-236-4101

CAGE: 0GA21

Company Name: C R C CHEMICALS

Address: 885 LOUIS DR

City: WARMINSTER

State: PA

ZIP: 18974

Country: US

Phone: 215-674-4300

CAGE: IO004

Company Name: CRC INDUSTRIES, INC.

Address: 885 LOUIS DRIVE

Box: City: WARMINSTER

State: PA

ZIP: 18974-2820

Country: US

Phone: 215-674-4300/80

0-424-9300  
CAGE:10136  
Company Name:NESLO PETROLEUM PRODUCTS INC  
Address:950 KING GEORGE RD  
Box:City:FORDS  
State:NJ  
ZIP:08863  
Country:US  
Phone:908-738-0700  
CAGE:0L7Y1

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===== Composition/Information on Ingredients =====  
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)  
CAS:71-55-6  
RTECS #:KJ2975000  
Fraction by Wt: 70%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:350 PPM/450 STEL  
ACGIH TLV:350 PPM/450STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Ch  
emical:1

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)  
CAS:127-18-4  
RTECS #:KX3850000  
Fraction by Wt: 24%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:25 PPM  
ACGIH TLV:50 PPM/200 STEL;9192  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:1,3 DIOXOLANE  
CAS:646-06-0  
RTECS #:JH6760000  
Fraction by Wt: 2%  
Other REC Limits:NONE SPECIFIED

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 4%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10000PPM/30000STEL  
ACGIH TLV:

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===== Hazards Identification =====  
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LD50 LC50 Mixture:ORAL LD50 (RAT)=9600MG/KG TRICHLOROETHAN  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHAL:IRRITATING,CNS  
EFFECTS.EYES:IRRITANT.SKIN:MAY CAUSE IRRITATION AFTER PROLONGED  
EXPOSURE.CHRONIC;MAY CAUSE LIVER ANDKIDNEY DAMAGE.  
Explanation of Carcinogenicity:MSDS LISTED THAT PERCHLOROETHY  
LENE HAS  
BEEN REPORTED CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP,IARC &  
OSHA.  
Effects of  
Overexposure:INHAL:HEADACHE,DIZZINESS,ANESTHESIA,UNCONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:HIGH LEVELS (8000+ PPM) MAY CAUSE  
CARDIAC ARRHYTHMIAS.

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===== First Aid Measures =====  
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First Aid:IN ALL CASES,GET MEDICAL ATTENTION.SKIN:REMOVE CONTAMINATED  
CLOTHING;WASH WITH SOAP AND WATER.INHALATION:REMOVE TO FRESH AIR &  
PROVIDE ARTIFICIAL RES  
PIRATION IF NECESSARY.EYE: IMMEDIATELY FLUSH  
WITH W ATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. INGESTION:DO  
NOT INDUCE VOMITING.CALL A PHYSICIAN.

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC  
Flash Point:NONE  
Lower Limits:7.5  
Upper Limits:14.5  
Extinguishing Media:WATER FOG  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE  
PRESSURE MODE.COOL  
CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE IF HEATED ABOVE  
130F.

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===== Accidental Release Measures =====  
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Spill Release Procedures:USUALLY NOT A PROBLEM WITH AEROSOLS. AREA  
SHOULD BE VENTILATED AND ABSORBENT USED TO PICK UP EXCESS  
MATERIAL.PLACE WASTE IN A SUITABLE CONTAINER FOR DISPOSAL.  
Neutralizing Agent:NONE

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===== Handling and Storage =====  
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Handling and Storage Precautions:S

TORAGE-STORE IN A COOL, VENTILATED

AREA BELOW 120F. DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY/DEATH. AVOID REPEATED OR PROLONGED CONTACT WITH SKIN

===== Exposure Controls/Personal Protection =====

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN

ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation: LOCAL VENTILATION AT THE WORKSITE; MECHANICAL (GENERAL) VENTILATION TO MAINTAIN TLV/PEL. USE NON-SPARKING EQUIPMENT.

Protective Gloves: NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection: USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: AVOID SKIN CONTACT. WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA. AVOID

BREATHING

VAPORS/ MISTS

Supplemental Safety and Health

RECORD EDITED ON 94010. PREVIOUS RECORD SHOWED P/N: 50 A; MSDS IS FOR P/N: 5089. THE INGREDIENTS AND THE PHYSICAL/HAZARD CHARACTERISTICS ARE THE SAME.

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

HCC: V2

Boiling Pt: B.P. Text: 165F, 74C

Melt/Freeze Pt: M.P/F.P Text: -70F, -57C

Vapor Pres: 85 W/O CO2

Vapor Density: 4.8

Spec Gravity: 1.385

Evaporation Rate & Reference: RAPID

Solubility in Water: SLIGHT

Appearance and

Odor: COLORLESS LIQUID-IRRITATING ODOR AT HIGH CONC.

(PHYSICAL DATA W/OUT PROPELLANT

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

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

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND ARCS

Hazardous Decomposition Products: HYDROGEN CHLORIDE, SMALL AMOUNT OF PHOSGENE AND CHLORINE

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sposal Considerations =====

Waste Disposal Methods: ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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