

CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- SILOO BRAKE PARTS CLEANER,50 A,50 AP,05089  
-- 6850-01-158-3928

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

Product ID:SILOO BRAKE PARTS CLEANER,50 A,50 AP,05089

MSDS Date:09/29/1994

FSC:6850

NIIN:01-158-3928

MSDS Number: CCMSS

=== Responsible Party ===

Company Name:CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC.

Address:885 LOUIS DRIVE

City:WARMINSTER

State:PA

ZIP:18

974-2820

Country:US

Info Phone Num:215-674-4300

Emergency Phone Num:215-674-4300/800-424-9300(CHEMTREC)

Preparer's Name:ADAM SELISKER

CAGE:10136

=== 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: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:NET

EX INDUSTRIES(FORMER NORTHEAST TEXAS IND)  
Address:1700 NORTH EDWARDS STREET  
Box:City: MOUNT PLEASANT  
State:TX  
ZIP:75455  
Country:US  
Phone:903-577-0388  
CAGE:0WAG0

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===== Composition/Information on Ingredients =====

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA 313) (CERCLA)  
CAS:127-18-4  
RTECS #:KX3850000  
Fraction by Wt: 65 - 94%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM, Z-2  
ACGIH TLV:25PPM/100STEL,A3; 96  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:S  
TODDARD SOLVENT/PETROLELUM DISTILLATE  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 1 - 20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9596

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 1 - 20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;96

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ing

estion:NO

Reports of Carcinogenicity:NTP:YES IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS,  
RESPIRATORY TRACT. ACUTE- HARMFUL IF INHALED. MAY CAUSE CENTRAL  
NERVOUS SYSTEM EFFECTS, IRRITATION, UNCONSCIOUSNESS & IRREGULAR  
HEARTBEATS. MAY CAUSE EYE & SKIN IRRITATI ON. HARMFUL IF INGESTED.  
MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC- LIVER & KIDNEY  
EFFECTS ON LABORATORY ANIMALS.

Explanation of Carcinogenicity:CONTAINS TETRACHLOROETHYLENE.

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ffects of Overexposure:IRRITATION, SKIN DEFATTING, DIZZINESS,  
HEADACHE, UNCONSCIOUSNESS, IRREGULAR HEARTBEATS

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, HEART, CNS MAY HAVE  
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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===== First Aid Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR, PROVIDE CPR/OXYGEN IF NEEDED.

EYES:FLUSH WITH WATER FOR 15  
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO  
NOT IN DUCE VOMITING. IF CONSCIOUS, RINSE MOUTHWITH WATER. SEEK  
IMMEDIATE MEDICAL ATTENTION. KEEP HEAD BELOW KNEES TO MINIMIZE  
CHANCE OF ASPIRATING MATERIAL INTO LUNGS.

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===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:USE WATER FOG. USE WATER SPRAY TO  
COOL FIRE EXPOSED  
CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-  
APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE  
OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE. MAY FORM TOXIC  
AND CORROSIVE GASES.

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===== Accidental Release Measures =====

Spill Release Procedures:LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS  
AWAY FROM OPEN FLAMES, IN AN OPEN CONTAINER. ALL

OW PRESSURE TO

DISSIPATE. VENTILATE AREA. ABSORB LIQUID WITH INERT ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR DISPOSAL. DO NOT FLASH TO SEWER OR WATERWAY

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, WELL-VENTILATED AREA AWAY FROM OPEN FLAMES, HOT SURFACES & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID BREATHING VAPORS. AVOID EYE/SKIN CONTACT. WASH WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR DRINKING. USE WITH ADEQUATE VENTILATION. VAPORS ARE HEAVIER THAN AIR, WILL COLLECT IN LOW PLACES DISPLACING OXYGEN. VENTILATE AREA.

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

Respiratory Protection:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE OR SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE IF VAPOR CONCENTRATIONS ARE HIGH.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP VAPOR LEVELS AS LOW AS POSSIBLE.

Protective Gloves:CLOTH-LINED RUBBER GLOVES/PVA

Eye Protection:SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health  
FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A-F, SAME NSN.

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

HCC:V2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:250F,121C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:1.53

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:RAPID

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID - IRRITATING ODOR AT HIGH CONCENTRATIONS

Percent Vol

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

Stability Indicator/Materials to Avoid:YES

POWDERED METALS SUCH AS ALUMINUM AND/OR ZINC, STORAGE IN ALUMINUM  
CONTAINERS

Stability Condition to Avoid:OPEN FLAME, EXTREMELY HOT METAL SURFACES,  
TEMPERATURES ABOVE 120F

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON  
DIOXIDE, CHLORINE, HYDROGEN CHLORIDE AND/OR PHOSGENE

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

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Waste Disposal Methods:ALL USED OR UNUSED PRODUCT SHOULD BE DISPOSED OF  
IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT  
CONTAMINATE ENVIRONMENT.

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