

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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