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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:189

74-2820

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:NETE

X 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:ST

ODDARD 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 Inge

stion: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.

Ef

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 C  
OOL 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. ALLO

W 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 VAPOR

S. 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 PRE

VIOUS 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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