Product ID:3095;HEAVY DUTY DEGREASER

MSDS Date:05/15/1995

FSC:6850

NIIN:01-244-9614

MSDS Number: BYFMN === Responsible Party ===

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

Address:885 LOUIS DRIVE

City:WARMINSTER

State:PA

ZIP:18974-2820 Country:US

Info Phone Num:215-674-4300

Emergency Phone Num:215-674-4300 800-424-9300(CHEMT

REC)

Preparer's Name: ADAM SELISKER

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

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

Ingred Name:TRICHLOROETHYLENE (SARA 313) (CERCLA)

CAS:79-01-6

RTECS #:KX4550000 Fraction by Wt: 70-95%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:100 PPM; Z-2

ACGIH TLV:50 PPM/100STEL,A5;95

EPA

Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

Ingred Name:1,2-BUTYLENE OXIDE (SARA 313) (CERCLA)

CAS:106-88-7

RTECS #:EK3675000 Fraction by Wt: 1-10%

Other REC Limits: NONE RECOMMENDED

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000 Fraction by Wt: 1-10%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;95

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 5650 MG/KG

Routes

of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION OR REPEATED EXPOSURE.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.LEVELS ABOVE 8000PPM MAY CAUSE CARDIAC ARRYTHMIAS.C HRONIC:MAY DAMAGE LIVER,KIDNEYS AND CAUSE DERMATITIS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED A

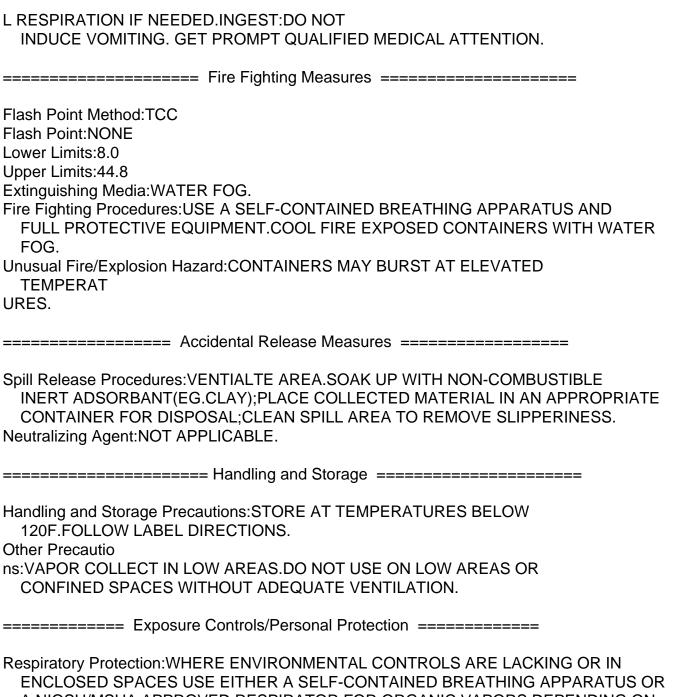
S CARCINOGENS BY NTP, IARC OR OSHA.

Effects of

Overexposure:INHAL:HEADACHE,DIZZINESS,ANESTHESIA,UNCONSCIOUSNESS.EY ES:PAIN.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING HEART DISEASE OR ARRYTHMIAS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIA



A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS, DEPENDING ON THE AIRBORN CONCENTRA TION.

Ventilation: USE LOCAL EXHAUST IN LOW AREAS OR CONFINED SPACES. Protective Gloves:

SOLVENT RESISTANT Eve Protection: SAFETY GLASSES Other Protective Equipment: PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER. Work Hygienic Practices: WASH HANDS. SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA. Supplemental Safety and Health NONE ========= Physical/Chemical Properties ============== HCC:N1 Boiling Pt:B.P. Text:189F,87C Vapor Pres:60 Vapor Density:4.55 Spec Gravity: 1.46 Evaporation Rate & amp; Reference:FAST Solubility in Water:SLIGHT Appearance and Odor: AEROSOL. LIQUID IS COLORLESS WITH IRRITATING ODOR AT HIGH CONCENTRATIONS. Percent Volatiles by Volume:100 ======== Stability and Reactivity Data ========== Stability Indicator/Materials to Avoid:YES DO NOT STORE IN ALUMINUM CONTAINERS.AVOID CONTACT WITH POWDERED AL OR

ZN.

Stability Condition to Avoid:HIGH HEAT, SOURCES OF IGNITION. Hazardous Decomposition Products: HCL, CHLORINE, PHOSGENE.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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