

CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- 3095;HEAVY DUTY DEGREASER --
6850-01-244-9614

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

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 Measures =====

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

L RESPIRATION IF NEEDED.INGEST:DO NOT
INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:NONE
Lower Limits:8.0
Upper Limits:44.8
Extinguishing Media:WATER FOG.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST AT ELEVATED
TEMPERAT
URES.

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

Spill Release Procedures:VENTIALTE AREA.SOAK UP WITH NON-COMBUSTIBLE
INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE
CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE AT TEMPERATURES BELOW
120F.FOLLOW LABEL DIRECTIONS.
Other Precautio
ns:VAPOR COLLECT IN LOW AREAS.DO NOT USE ON LOW AREAS OR
CONFINED SPACES WITHOUT ADEQUATE VENTILATION.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
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

Eye 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.

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Disposal Considerations =====

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

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