

CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- HEAVY DUTY DEGREASER II (AERO),  
PRODUCT-03120 -- 6850-01-380-3976

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

Product ID:HEAVY DUTY DEGREASER II (AERO), PRODUCT-03120

MSDS Date:10/28/1992

FSC:6850

NIIN:01-380-3976

MSDS Number: BSDDG

=== Responsible Party ===

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

Address:885 LOUIS DRIVE

City:WARMINSTER

State:PA

Z

IP:18974-2820

Country:US

Info Phone Num:215-674-4300

Emergency Phone Num:215-674-4300

Preparer's Name:JON BROWN

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:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 4%

Other REC Limits:NONE RECOMMENDED

OSHA

PEL:10000PPM/30000STEL  
ACGIH TLV:5000PPM/30000STEL;93

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHA:IRRITATE RESPIRATORY TRACT &  
CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC:NONE KNOWN TO HUMANS.  
Effects of Overexposure:ACUTE:INHA:IRRITATE RESPIRATORY TRACT & CAUSE  
CENTRAL NERVOUS SYTEM EFFECTS. CHRONIC:NONE KNOWN TO  
HUMANS.  
Medical Cond Aggravated by Exposure:NA

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

First Aid:INHA:REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF  
NECESSARY. EYES:FLUSH W/LG AMTS OF WATER FOR 15MINS. SKIN:WASH  
THOROUGHLY W/SOAP & WATER. INGEST:DO NOT INDUCE VOMITING. CALL  
DOCTOR. (IF SYMP TOMS PERSIST, CALL DOCTOR.)

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

Flash Point Method:CC  
Flash Point:219F,104C  
Lower Limits:0.6  
  
Upper Limits:20.4  
Extinguishing Media:WATER FOG, FOAM, CO2,AND DRY CHEMICAL.  
Fire Fighting Procedures:KEEP CONTAINERS COOL. USE NIOSH APPROVED SCBA  
WHEN FIGHTING SURROUNDING FIRES.  
Unusual Fire/Explosion Hazard:IF PRODUCT IS AEROSOL, IT MAY EXPLODE  
WHEN HEATED ABOVE 130F.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. SOAK UP  
W/ABSORBENT MATERIAL & COLLECT IN SUITABLE CONTAINERS FOR DISPOSAL.  
DO NOT DUMP  
INTO SEWERS OR ONTO GROUND.

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA.  
Other Precautions:AEROSOLS MAY EXPLODE WHEN HEATED ABOVE 130F.

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

Respiratory Protection:USE SELF CONTAINED BREATHING APPARATUS FOR HIGH  
VAPOR CONCENTRATION.  
Ventilation:LOCAL & MECHANICAL MEANS TO CONTROL VAPOR CONCENTRATIONS.  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Pro

tection:SAFETY GLASSES.

Other Protective Equipment:AS NEEDED TO PREVENT BODY CONTACT.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USING & BEFORE  
EATING/DRINKING/SMOKING.

Supplemental Safety and Health

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

HCC:V2

Boiling Pt:=204.4C, 400.F

Melt/Freeze Pt:=1.C, 33.8F

Vapor Pres:5

Spec Gravity:0.81

pH:NA

Evaporation Rate & Reference:SLOW

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID.

Percent Vola

tiles by Volume:ND

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:CO2, CO, AND WATER.

Conditions to Avoid Polymerization:MFG'S MSDS DOES NOT REFER TO  
POLYMERIZATION.

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

Waste Disposal Methods:ALL USED & UNUSED PRODUCT SHOULD BE DISPOSED OF  
IN CONFORMANCE WITH LOCAL/STATE/FEDERAL REGULATIONS.

Discla

imer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.