

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

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Product Identification  
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Product ID:HEAVY DUTY DEGREASER II (AEROSOL)  
MSDS Date:03/22/1994  
FSC:6850  
NIIN:01-380-3976  
MSDS Number: BWPWW  
=== Responsible Party ===  
Company Name:CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC.  
Address:885 LOUIS DRIVE  
City:WARMINSTER  
State:PA  
ZIP:18974-2820  
Country:U  
S  
Info Phone Num:215-674-4300  
Emergency Phone Num:215-674-4300  
Preparer's Name:IRENE CAMPBELL  
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

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Composition/Information on Ingredients  
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Ingred Name:DIPROPYLENE GLYCOL METHYL ETHER  
CAS:34590-94-8  
RTECS #:JM1575000  
Fraction by Wt: 20-40%  
Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 100 PPM  
ACGIH TLV:S,100PPM/150 STEL;94

Ingred Name:PETROLEUM HYDROCARBON,  
CAS:64742-47-8  
RTECS #:OA5504000  
Fraction by Wt: 50-70%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #:FF6400000  
Fraction by Wt: 2-4%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;94

Ingred Name:DIPROPYLENE GLYCOL METHYL ETHER ACETATE  
CAS:88917-22-0  
Fraction by Wt: 10-20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM ,S  
ACGIH TLV:100 P  
PM,S

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===== 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:ACUTE: INHALATION MAY IRRITATE  
RESPIRATORY TRACT AND CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.  
CHRONIC: NONE KNOWN TO HUMANS.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH  
H RUNNING WATER FOR 15 MINUTES WHILE LIFTING  
EYELIDS. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING.  
INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL  
RESPIRATIO N AS REQUIRED. GET MEDICAL ATTENTION. INGESTION- DO NOT  
INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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

Flash Point Method:CC  
Flash Point:142F,61C  
Lower Limits:1.1  
Upper Limits:14.0  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, F

OAM, WATER FOG.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:AEROSOL CONTAINERS MAY EXPLODE WHEN HEATED ABOVE 120F.

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

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

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

Handling and Storage

Precautions:STORE IN A COOL, DRY AREA.

Other Precautions:AEROSOL CONTAINERS MAY EXPLODE WHEN HEATED ABOVE 120F. BE SURE TO USE THIS PRODUCT WITH ADEQUATE VENTILATION.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IF VAPOR CONCENTRATION IS ABOVE THE TLV.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION IN SUFFICIENT VOLUME AND PATTERN SO AS TO MAINTAIN EXPOSURES BELOW TLV'S.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health  
NONE

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

HCC:V2

Boiling Pt:>190.6C, 375.F

Vapor Pres:5

Vapor Density:>5

Spec Gravity:0.83

Evaporation Rate & Reference:SLOW

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIQUID WITH SLIGHT ODOR.

Percent Volatiles by

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: TEMPERATURES ABOVE 120F.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND WATER.

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

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

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