

C R C CHEMICALS U.S.A. -- 5089 BRAKLEEN (AEROSOL) -- 6850-01-158-3928

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Product Identification
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Product ID:5089 BRAKLEEN (AEROSOL)

MSDS Date:04/10/1987

FSC:6850

NIIN:01-158-3928

MSDS Number: BGPJW

=== Responsible Party ===

Company Name:C R C CHEMICALS U.S.A.

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

Preparer's Name:ALLEN B. REED

CAGE:IO004

=== Contractor Identification ===

Company Name:C R C CHEMICALS

Address:885 LOUIS DR

City:WARMINSTER

State:PA

ZIP:18974

Country:US

Phone:215-674-4300

CAGE:IO004

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:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS

:71-55-6
RTECS #:KJ2975000
Fraction by Wt: 89.2%
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)
CAS:123-91-1
RTECS #:JG8225000
Fraction by Wt: < 6.8%
OSHA PEL:S, 100 PPM
ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:2-METHYL-3-BUTYN-2-OL
CAS:115-19-5
RTECS #:ES0810000
Fraction by Wt: < 6.8%

Ingred Name:SEC-BUTYL ALCOHOL (SARA II
I)
CAS:78-92-2
RTECS #:EO1750000
Fraction by Wt: < 6.8%
OSHA PEL:150 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 4.0%
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:INGREDIENTS 02,03,04 MAKE UP 6.8% OF THE PRODUCT AS A
MIXTURE. INDIVIDUAL CONCENTRATIONS ARE NOT QUOTED BY MANUFACTURER.
RTECS #:9999999ZZ

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

Routes of Entry: Inhalation:YES Skin:YES Inge

stion:YES

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

Health Hazards Acute and Chronic:ACUTE OVEREXPOSURE MAY PRODUCE IRRITATION AND ANESTHESIA. CRONIC EXPOSURE MAY CAUSE KIDNEY AND LIVER DAMAGE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:EYE: IRRITATION. SKIN: MILD IRRITATION. INHALED: HEADACHE,DIZZINESS,ANESTHESIA,UNCONSCIOUSNESS. INGESTION: G/I IRRITATION.

Medi

cal Cond Aggravated by Exposure:HIGH LEVELS MAY CAUSE CARDIAC ARRTHYMIAS.

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First Aid Measures
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First Aid:EYE: FLUSH WITH WATER. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INHALED: REMOVE TO FRESH AIR,GIVE OXYGEN OR CPR IF NEEDED,CALL PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING,CALL PH YSICIAN.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:NONE

Lower Li

mits:7.0

Upper Limits:15.5

Extinguishing Media:WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE IF HEATED TO OVER 130F.

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Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA. USE INERT MATERIAL TO ABSORB EXCESS LIQUID.

Neutra

lizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. PROTECT CONTAINERS FROM DIRECT SUNLIGHT AND TEMPERATURES OVER 120F.

Other Precautions:VAPORS COLLECT IN LOW AREAS. USE DUE PRECAUTIONS WHEN USING IN LOW AREAS AND/OR CONFINED SPACES.

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

Respiratory Protection:ABOVE TLV USE SELF CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR.

Ventilation:USE EXHAUST, LOCAL OR GENERAL TO MAINTAIN EXPOSURE TO LESS THAN TLV.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:NONE NORMALLY REQUIRED

Work Hygienic Practices:NORMAL CHEMICAL HYGIENE PRECAUTIONS ARE SATISFACTORY.

Supplemental Safety and Health

MSDS FROM CRC CHEMICALS COMPANY DATED APRIL 10, 1987; MFR SPECIFIED WT %