

CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- 05089 BRAKLEEN AEROSOL -- 6850-01-158-3928
===== Product Identification =====

Product ID:05089 BRAKLEEN AEROSOL
MSDS Date:02/05/1991
FSC:6850
NIIN:01-158-3928
MSDS Number: CGLFL
=== 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
Preparer's Name:ALLEN REED
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
Company Name:PHASAR INC
Address:3396 SUGAR HILL DRIVE
Box:City:JENSEN BEACH
State:FL
ZIP:34957
Country:US
Phone:800-422-7747
CAGE:0WHD7

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

Ingred Name:METHYL CHLOR

OFORM (1,1,1-TRICHLOROETHANE) (SARA 313)
(CERCLA)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:350 PPM

ACGIH TLV:350 PPM/450STEL;9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA 313) (CERCLA)

CAS:127-18-4

RTECS #:KX3850000

Fraction by Wt: 24%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM, Z-2

ACGIH TLV:25PPM/100STEL,A3; 96

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100

LBS

Ingred Name:1,3-DIOXOLANE

CAS:646-06-0

RTECS #:JH6760000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;96

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES

OSHA:YES

Health Hazards Acute and Chronic:ACUTE

OVEREXPO:INHAL-HEADACHES,DIZZINESS,ANESTHESIA,UNCONSCIOUSNESS.EYE-CAUSES PAIN,SOME IRRIT.SKIN-IRRIT ON REPEATED EXPOSURES.CHRONIC OVEREXPO:REPEATED OVEREXPO MAY CAUSE LIVER & KIDNEY EFFECTS.

Explanation of Carcinogenicity:PER MSD:NTP/IARC/OSHA YES FOR PERCHLOROETHYLENE.

Effects of Overexposure:HEADACHES,DIZZINESS,ANESTHESIA,UNCONSCIOUSNESS, EYE PAIN, EYE IRRIT, SKIN IRRIT, LIVER AND KIDNEY EFFECTS.

Medical Cond Aggravated by

Exposure:HIGH LEVELS(8000PPM+)OF VAPOR MAY CAUSE CARDIAC ARRYTHMIAS.

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

First Aid:IF SYMPTOMS PERSIST CALL PHYSICIAN.INHAL:REMOVE TO FRESH AIR,APPLY ARTIFICIAL RESPIRATION.EYE:FLUSH FOR 15MINS W/LARGE AMTS OF WATER.SKIN:REMOVE CONTAM CLOTHING,WASH EXPOSED AREA W/SOAP/WATER.INGESTION:DONT INDUCE VOMITING-CALL PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:7.5

Upper Limits:14.5

Extinguishing Media:WATER, FOG.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

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

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

Spill Release Procedures:USUALLY NOT A PROBLEM W/AEROSOLS.AREA SHOULD BE VENTILATED & ABSORBENT USED TO PICK UP EXCESS MATERIAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL DRY AREA.

Other Precautions:AVOID SKIN CONTACT OR BREATHING OF VAP.SINCE VAP ARE HEAVIER THAN AIR AEROSOLS SHOULD NOT BE USED IN CONFINED AREAS OR LOW SPOT W/O ADEQUATE VENTILATION.IF VAPORS ARE SUSPECTED IN LOW AREA,DONT ENTER UNLESS SPECIAL BREATHING APPARATUS (SUP)

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

Respirator

y Protection:ABOVE TLV USE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MAINTAIN VAPOR CONCENTRATION BELOW TLV-USE MECHANICAL MEANS IF NECESSARY.

Protective Gloves:SOLVENT RESISTANT

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NOT NORMALLY REQUIRED FOR AEROSOL PRODUCT USAGE.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTHER PRECAUT:IS USED & OBSERVER IS PRESENT FOR ASSISTNACE.KEEP AEROSOLS AWAY FROM HEAT.

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== Physical/Chemical Properties =====

HCC:V2

Boiling Pt:=74.C, 165.2F

B.P. Text:165F,74C

Melt/Freeze Pt:M.P/F.P Text:-70F,-57C

Decomp Temp:Decomp Text:NP

Vapor Pres:85

Vapor Density:4.8

Spec Gravity:1.385

pH:NP

Viscosity:NP

Evaporation Rate & Reference:RAPID, NO REF GIVEN

Solubility in Water:SLIGHT SOLUBILITY

Appearance and Odor:COLORLESS LIQUID-IRRITATING ODOR AT HIGH CONCENTRATIONS

Percent Volatiles by Volume:100

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

AVOID STORAGE IN ALUMINUM CONTAIANERS OR CONTACT W/ALUMINUM &/OR ZINC POWDER.

Stability Condition to Avoid:AVOID OPEN FLAMES, ARCS, AND HIGH TEMPERATURES.

Hazardous Decomposition Products:THERMAL-HYDROGEN CHLORIDE, CHLORINE, AND SOME PHOSGENIC.

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

Waste Disposal Methods:ALL USED & UNUSED PRODUCT SHOULD BE DISPOSED OF IN CONFORMANCE WITH LOCA

L, STATE AND FEDERAL REGULATIONS.PRODUCT
CONTAINS CHEMS SUBJ TO RELEASE REPORTING UNDER SEC 313 OF SARA
TITLE III:1,1,1-TRICHLOR OETHANE70%;PERCHLOROETHYLENE24%.

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