

CRC INDUSTRIES INC -- BRAKLEEN AEROSOL,05089 -- 6850-01-167-0678

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Product Identification
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Product ID: BRAKLEEN AEROSOL,05089

MSDS Date: 05/05/1991

FSC: 6850

NIIN: 01-167-0678

MSDS Number: BRTCP

=== Responsible Party ===

Company Name: CRC INDUSTRIES INC

Address: 885 LOUIS DR

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: CRCIN

=== Contractor Identification ===

Company Name: CRC INDUSTRIES INC

Address: 885 LOUIS DR

City: WARMINSTER

State: PA

ZIP: 18974

Country: US

Phone: 215-674-4300

CAGE: CRCIN

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

RTEC

S #:KJ2975000
Fraction by Wt: 70%
Other REC Limits:NONE SPECIFIED
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)
CAS:127-18-4
RTECS #:KX3850000
Fraction by Wt: 24%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt
: 4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:1,3-DIOXOLANE
CAS:646-06-0
RTECS #:JH6760000
Fraction by Wt: 2%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYES: CAUSES PAIN, SOME IRRITATION.

SKIN: CAUSES IRRITATION ON REPEATED EXPOSURES. INHALATION: HEADACHES, DIZZINESS, ANESTHESIA, UNCONSCIOUSNESS. REPEATED OVEREXPOSURE MAY CAUSE LIVER AND KIDNEY EFFECTS. INGESTION: NOT A LIKELY SOURCE OF EXPOSURE.

Explanation of Carcinogenicity:MANUFACTURER STATES THAT PERCHLOROETHYLENE IS LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN.

Effects of Overexposure:EYES: PAIN, IRRITATION. SKIN: IRRITATION. INHALATION: HEADACHES, DIZZINESS, ANESTHESIA, UNCONSCIOUSNESS, LIVER AND KIDNEY EFFECTS. INGESTION: NOT A LIKELY SOURCE OF EXPOSURE.

Medical Cond Aggravated by Exposure:HIGH LEVELS (8000 PPM +) OF VAPOR MAY CAUSE CARDIAC ARRHYTHMIAS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION . INHALATION: MOVE TO FRESH AIR. IF

NOT BREATHING, GIVE CPR. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:7.5

Upper Limits:14.5

Extinguishing Media:WATER, FOG.

Fire Fighting Procedures:KEEP FIRE EXPOSED AEROSOL CONTAINERS COOL WITH WATER SPRAY.

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 WITH AEROSOLS. AREA SHOULD BE VENTILATED AND 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, WELL VENTILATED AREA AWAY FROM HEAT, OPEN FLAME, OTHER SOURCES OF IGNITION.

Other Precautions:AVOID SKIN CONTACT OR BREATHING OF VAPORS.VAPORS ARE

HEAVIER THAN AIR,DO NOT USE AEROSOLS IN CONFINED AREAS OR LOW SPOT WITHOUT ADEQUATE VENTILATION.IF VAPORS SUSPECTED IN A LOW AREA, DO NOT ENTER UNLESS SPECIAL BREATHING APPARATUS IS USED.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS IF EXPOSURE IS ABOVE RECOMMENDED TLV.

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

Protective Gloves:USE SOLVENT RESISTANT GLOVES.

Eye Protection:WEAR SAFETY GLASSES.

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

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:V2

Boiling Pt:B.P. Text:165F,74C LIQ

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

Vapor Pres:85 (LIQ)

Vapor Density:4.8 AIR=1

Sp

Grav:1.385 (LIQUID)

Evaporation Rate & Reference:RAPID

Solubility in Water:SLIGHTLY SOLUBLE

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID STORAGE IN ALUMINUM CONTAINERS OR CONTACT WITH ALUMINUM AND/OR ZINC POWDER.

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

Hazardous Decompo

sition Products:HYDROGEN DECOMPOSITION PRODUCTS ARE
HYDROGEN CHLORIDE, CHLORINE, AND SOME PHOSGENE.

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

Waste Disposal Methods:ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED
OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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