

CRC CHEMICALS U.S.A./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: 09/29/1994

FSC: 6850

NIIN: 01-167-0678

MSDS Number: BGPNM

=== 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: ADAM SELISKER

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: NAPA BALKAMP

CAGE: NAPAB

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Composition/Information on Ingredients  
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Ingred Name: CARBON DIOXIDE

CAS: 124-38-9

RTECS #: FF6400000

Fraction by Wt: 1-10%

Other REC Limits: NONE SPECIFIED

OSHA P

EL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;95

Ingred Name:STODDARD SOLVENT  
CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 1-20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:500 PPM  
ACGIH TLV:100 PPM; 9495

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA 313) (CERCLA)  
CAS:127-18-4  
RTECS #:KX3850000  
Fraction by Wt: 65-94%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM, Z-2  
ACGIH TLV:25PPM/100STEL,A3; 95  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:CARBON DIOXIDE  
CAS:124-38-9  
RTECS #  
:FF6400000  
Fraction by Wt: 4-7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5000 PPM  
ACGIH TLV:5000PPM/30000STEL;94

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE-EYES & SKIN:IRRITATION.  
INHALATION:CNS EFFECTS, HEADACHES, DIZZINESS, DRUNKENESS,  
IRRITATION TO UPPER RESPIRATORY TRACT, UNCONSCIOUSNESS & IRREGULAR

HEARTBEAT. CHRONIC-REPEATED OVEREXPOSURE HAVE CAUSED LIVER AND  
KIDNEY EFFECTS IN LABORATORY ANIMALS.

Explanation of Carcinogenicity:MFR LISTS OSHA AS YES, BUT HMIS COULD  
NOT FIND THE LISTING.

Effects of Overexposure:EYES:IRRITATION. SKIN:IRRITATION.  
INHALATION:CNS EFFECTS, HEADACHES, DIZZINESS, DRUNKENESS,  
IRRITATION TO UPPER RESPIRATORY TRACT, UNCONSCIOUSNESS & IRREGULAR  
HEARTBEAT. INGESTION:MFR GAVE NO INFORMATION ON MSDS.

Medical Cond Aggravated by Exposure:RISK TO YOU

R HEALTH DEPENDS ON THE  
LEVEL & DURATION OF EXPOSURE.

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First Aid Measures  
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First Aid:IF SYMPTOMS PERSIST, CALL A PHYSICIAN. EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER. INHALATION:REMOVE TO FRESH AIR. APPLY A RTIFICIAL RESPIRATION IF NCESSARY. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:TCC  
Flash Point:NONE  
Extinguishing Media:WATER FOG.  
Fire Fighting Procedures:MFR GAVE NO INFORMATION ON MSDS.  
Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE IF HEATED ABOVE 130F.

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Accidental Release Measures  
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Spill Release Procedures:USUALLY NOT A PROBLEM WITH AEROSOLS. AREA SHOULD BE VENTILATED AND ABSORBENT USED TO PICK UP EXCESS MATERIAL.  
Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL, DRY AREA.  
Other Precautions:TETRACHLOROETHYLENE IS A LISTED CARCINOGEN. SINCE VAPORS ARE HEAVIER THAN AIR, AEROSOLS SHOULD NOT BE USED IN CONFINED AREAS OR LOW SPOTS W/O ADEQUATE VENTILATION. DO NOT ENTER SUSPECTED LOW AREAS W/O RESPIRATORY PROTECTION & AN OBSERVER.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IF ACCUMULATION OF VAPORS IS SUSPECTED.  
Ventilation:ADEQUATE TO PREVENT ACCUMULATION OF VAPORS.  
Protective Gloves:USE SOLVENT RESISTANT GLOVES.  
Eye Protection:WEAR SAFETY GLASSES.  
Other Protective Equipment:NOT NORMALLY REQUIRED FOR AEROSOL PRODUCT USAGE.  
Work Hygienic Practices:MFR:?. HMIS:USE GOOD CHEMICAL HYGIENE PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
NONE

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

HCC:V2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:250F,121C

Melt/Freeze Pt:M.P/F.P Text:ND

Vapor Pres:ND

Vapor Density:ND

Spec Gravity:1.53

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:AVOID OPEN FLAMES, ARCS, HIGH TEMPERATURES (DECOMPOSE PRODUCT)

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

Conditions to Avoid Polymerization:MFR GAVE NO INFORMATION ON MSDS.

==== Disposal Considerations =====

Waste Disposal Methods:ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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