

CRC INDUSTRIES INC -- CO CONTACT CLEANER AEROSOL,NO. 2016 -- 6850-00-105-3084
===== Product Identification =====

Product ID:CO CONTACT CLEANER AEROSOL,NO. 2016

MSDS Date:01/01/1990

FSC:6850

NIIN:00-105-3084

MSDS Number: BRQBG

=== Responsible Party ===

Company Name:CRC INDUSTRIES INC

Address:885 LOUIS DRIVE

City:WARMINSTER

State:PA

ZIP:18974-2820

Country:US

Info Phone Num:215-674-4300

Emergency Ph

one 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

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

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (

FREON 113) (SARA

III)

CAS:76-13-1

RTECS #:KJ4000000

Fraction by Wt: 75%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM/1250STEL

ACGIH TLV:1000PPM/1250STEL9293

Ozone Depleting Chemical:1

Ingred Name:CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000

Fraction by Wt: 25%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:1000PPM; 9293

Ozone Depleting Chemical:2

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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:EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION, DEFATTING, DERMATITIS. INHALATION: MAY CAUSE DROWSINESS, LIGHTHEADEDNESS, POSSIBLE CARDIAC ARRHYTHMIAS AT HIGH CONCENTRATIONS. INGESTION: NOT A LIKELY SOURCE OF CONTAMINATION.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DEFATTING, DERMATITIS. INHALATION: DROWSINESS, LIGHTHEADEDNESS, CARDIAC ARRHYTHMIAS. INGESTION: NOT A LIKELY SOURCE OF CONTAMINATION.

Medical Cond Aggravated by Exposure:IMPAIRED CARDIOVASCULAR FUNCTION SUCH AS CARDIAC ARRHYTHMIAS MIGHT BE SENSITIZED BY INHALATION.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. IF ADVERSE SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR.

GET
MEDICAL ATTENTION IF NECESSARY. INGESTION: INDUCE VOMITING ON
ADVICE OF A PHYSICIAN. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:NONE.
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:NOT NEEDED. USE MEDIA SUITABLE FOR SURROUNDING
FIRE.
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Unusual Fire/Explosion Hazard:AEROSOL CONTAINERS CAN EXPLODE IF HEATED
A
BOVE 130F.

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

Spill Release Procedures:DUE TO HIGH VOLATILITY MATERIAL QUICKLY
EVAPORATES. VENTILATE AREA, EVACUATE PERSONNEL UNTIL CONCENTRATION
IS BELOW TLV OR USE BREATHING APPARATUS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONT
AINERS TIGHTLY CLOSED.
Other Precautions:CONTAINERS MAY EXPLODE IF EXPOSED TO TEMPERATURES
OVER 130F. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW
AREAS. OXYGEN WOULD BE DISPLACED AND ASPHYXIATION COULD RESULT.
GOOD VENTILATION IS A MUST FOR LOW AREAS AND CONFINED SPACES.

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

Respiratory Protection:USE SELF CONTAINED BREATHING APPARATUS FOR
EXPOSURES ABOVE TLV.
Ventilation:PROVIDE MECHANICAL (GENERAL) OR LO

CAL EXHAUST VENTILATION

NECESSARY TO MAINTAIN CONCENTRATIONS BELOW TLV.

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING ONLY IF THERE IS REPEATED EXPOSURES.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

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

HCC:V2

Boiling Pt:=47.8C, 118.F

Melt/Freeze Pt:=-37.8C, -36.F

Vapor Pres:5.5

Vapor Dens

ity:6.5(AIR=1)

Spec Gravity:1.57

Evaporation Rate & Reference:0.3 (CARBON TET=1)

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

POWDERED METALS SUCH AS ALUMINUM, MAGNESIUM, CALCIUM, ZINC.

Stability Condition to Avoid:EXCESSIVE HEAT.

Hazardous Decomposition Products:HALOGENS, HALOGEN ACIDS, POSSIBILITY OF PHOSGENE ON THERMAL DECOMPOSITION.

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

Waste Disposal Methods:DISPOSE OF ALL USED AND UNUSED PRODUCT WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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