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CRC CHEMICALS U.S.A./CRC INDUSTRIES, INC. -- 2016 CO CONTACT CLEANER AEROSOL -- 6850-01-095-6065

============= Product Identification ==================

Product ID:2016 CO CONTACT CLEANER AEROSOL

MSDS Date:08/12/1992

FSC:6850

NIIN:01-095-6065

MSDS Number: BSFRV === 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

Inf

o Phone Num:215-674-4300

Emergency Phone Num:215-674-4300

Preparer's Name: JON BROWN

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

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

Ingred Name:1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA 313)

CAC.76 42

CAS:76-13-1

RTECS #:KJ4000000 Fraction by Wt: 75% Other REC Limits: NONE RECOMMENDED OSHA PEL:1000 PPM

ACGIH TLV:1000PPM/1250STEL9495

Ozone Depleting Chemical:1

Ingred Name: CHLORODIFLUOROMETHANE (SARA 313) (CERCLA)

CAS:75-45-6

RTECS #:PA6390000 Fraction by Wt: 25%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9495 Ozone Depleting Chemical:2

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acu

te and Chronic:ACUTE: SKIN-DEFATTING ACTION, MAY

CAUSE DERMATITIS. EYES-MAY IRRITATE EYES. CHRONIC: MAY CAUSE SKIN

IRRITATION WITH REPEATED SKIN CONTACT. Explanation of Carcinogenicity: NOT CARCINOGENIC.

Effects of Overexposure:INHALATION-DROWSINESS, LIGHTHEADEDNESS, POSSIBLE CARDIAC ARRHYTHMIAS AT HIGH CONCENTRATIONS.

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

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

First Aid:INHALATION-REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY. EYES-FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SKIN-WASH SKIN WITH SOAP AND WATER. INGESTION-INDUCE VOMITING ON THE A DVICE OF A PHYSICIAN.

Flash Point Method:TCC

Flash Point:NONE

Autoignition Temp: Autoignition Temp Text: NONE

Lower Limits:NONE Upper Limits:NONE

Extinguishing Media:NOT

NEEDED. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE. Fire Fighting Procedures: NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER. Unusual Fire/Explosion Hazard: AEROSOL CONTAINERS MAY EXPLODE IF HEATED ABOVE 130F. ======== Accidental Release Measures ============ Spill Release Procedures: DUE TO HIGH VOLATILITY MATERIAL EVAPORATES QUICKLY. VENTILATE ARE A, EVACUATE PERSONNEL UNTIL CONCENTRATION IS BELOW TLV OR USE BREATHING APPARATUS. ============= Handling and Storage ========================== Handling and Storage Precautions: STORE IN COOL, DRY AREA. Other Precautions: AEROSOL CONTAINERS MAY EXPLODE IF EXPOSED TO TEMPERATURES OVER 130F. VAPORS ARE VERY HEAVY AND WILL COLLECT IN LOW AREAS. OXYGEN WOULD BE DISPLACED ASPHYXIATION COULD RESULT. GOOD VENTILATION IS A MUS T FOR LOW AREAS AND CONFINED SPACES. ====== E xposure Controls/Personal Protection ======== Respiratory Protection: SELF-CONTAINED BREATHING APPARATUS ABOVE TLV. Ventilation: MAINTAIN CONCENTRATIONS BELOW TLV. Protective Gloves: NEOPRENE. Eye Protection: SAFETY GOGGLES. Other Protective Equipment: PROTECTIVE CLOTHING ONLY IF THERE IS

REPEATED CONTACT.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

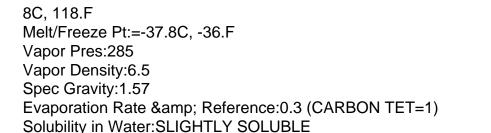
Supplemental Safety and Health

NONE.

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

HCC:V2

Boiling Pt:=47.



Percent Volatiles by Volume:100

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

Appearance and Odor: COLORLESS LIQUID. (WITHOUT PROPELLANT)

Stability Indicator/Materials to Avoid:YES POWDERED METALS SUCH AS ALUMINUM, MAGNESIUM, CALCIUM, ZINC. Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTU RER.

Hazardous Decomposition Products:HALOGEN, HALOGEN ACIDS, POSSIBILITY OF PHOSGENE (THERMAL).

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

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

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