

CRC INDUSTRIES, INC. -- 03095, 03095T, HEAVY DUTY DEGREASER AEROSOL -- 6850-01-244-9614
===== Product Identification =====

Product ID:03095, 03095T, HEAVY DUTY DEGREASER AEROSOL

MSDS Date:01/29/1999

FSC:6850

NIIN:01-244-9614

Status Code:A

MSDS Number: CKYXD

=== Responsible Party ===

Company Name:CRC INDUSTRIES, INC.

Address:885 LOUIS DRIVE

City:WARMINSTER

State:PA

ZIP:18974-2869

Country:US

Info P

hone Num:215-674-4300

Emergency Phone Num:(800)424-9300

Resp. Party Other MSDS Num.:458

Preparer's Name:ADAM M. SELISKER

Chemtec Ind/Phone:(800)424-9300

CAGE:023V4

=== Contractor Identification ===

Company Name:CRC INDUSTRIES, INC.

Address:885 LOUIS DRIVE

Box:City:WARMINSTER

State:PA

ZIP:18974-2869

Country:US

Phone:215-674-4300/ 800-521-3168

CAGE:023V4

Company Name:RADIAN INTL LLC

Address:8501 N MOPAC BLVD

Box:201088

City:AUSTIN

State:TX

ZIP:78720-1088

Country:US

Phone:512-419-5224

Contract Num

:SP0450-00-D-4021
CAGE:29913

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

Ingred Name:TRICHLOROETHYLENE
CAS:79-01-6
RTECS #:KX4550000
Minumum % Wt:90.
Maxumum % Wt:99.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:269 MG/M3;50 PPM
ACGIH STEL:537 MG/M3;100 PPM
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:1,2-BUTYLENE OXIDE
CAS:106-88-7
RTECS #:EK3675000
Minumum % Wt:1.
Maxumum % Wt:10.
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF640000
0
Minumum % Wt:1.
Maxumum % Wt:10.
OSHA PEL:9000 MG/M3;5000 PPM
ACGIH TLV:9000 MG/M3;5000 PPM
ACGIH STEL:54000 MG/M3

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

LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS: INHALATION:
HEADACHES, DIZZINESS, ANESTHESIA, AND UNCONSCIOUSNESS. EYES:
IRRITATION. SKIN: IRRITATION. INGESTION: NOT APPLICABLE. CHRONIC
OVEREXPOSURE: REPEA

TED OVEREXPOSURE MAY CAUSE LIVER AND KIDNEY EFFECTS AND DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: HEADACHES, DIZZINESS, ANESTHESIA, AND UNCONSCIOUSNESS. EYES: IRRITATION. SKIN: IRRITATION.

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

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

First Aid:INHALATION: RMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSAR

Y. EYES: FLUSH WITH LARGE AMOUNT OF WATER FOR 15

MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AREA WITH SOAP AND WATER. I NGESTION: CALL A PHYSICIAN. DO NOT INDUCE VOMITING.

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

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:8.0

Upper Limits:44.8

Extinguishing Media:WATER FOG

Fire Fighting Procedures:REMOVE CONTAINERS FROM FIRE AREA IF POSSIBLE.

USE SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING. A EROSOL

CANS MAY EXPLODE IF HEATED ABOVE 120F.

Unusual Fire/Explosion Hazard:AEROSOL CANS MAY EXPLODE IF HEATED ABOVE 120F.

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

Spill Release Procedures:USUALLY NOT A PROBLEM WITH AEROSOLS. AREA SHOULD BE VENTILATED. ABSORBENT SHOULD BE USED TO PICK UP EXCESS MATERIAL. ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STOE IN A COOL, DRY AREA. AEROSOLCANS MUST BE MAINTAINED BELOW 120F TO PREVENT CANS FROM EXPLODING.

Other Precautions:NOT PROVIDED

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

Respiratory Protection:USE NIOSH/MSHA COMPLIANT RESPIRATORS OR SELF-CONTAINED BREATHING APPARATUS ABOVE EXPOSURE LIMITS. FOLLOW OSHA REGULATIONS 29 CFR 1910.134.

Ventilation:ADEQUATE TO PRE

VENT ACCUMULATIONS OF VAPORS. USE MECHANICAL MEANS IF NECESSARY TO MAINTAIN LEVELS BELOW THE EXPOSURE LIMITS (OSHA 29 CFR 1910.134).

Protective Gloves:CHEMICALLY PROTECTIVE

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:USE A SPLASH APRON AND BOOTS IF SPLASHING OCCURS.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMIN

ED. N/E = NOT ESTABLISHED.

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=87.2C, 189.F

Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:60 MM @ 20F

Vapor Density:4.55

Volatile Org Content %:97

Spec Gravity:1.46 @ 70F

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:FAST

Solubility in Water:SLIGHT SOLUBILITY

Appearance and Odor:COLORLESS LIQUID, IRRITATING ODOR AT HIGH CO

NCENTRATIONS

Percent Volatiles by Volume:100

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS. AVOID STORING IN ALUMINUM CONTAINERS OR CONTACT WITH ALUMINUM POWDER OR ZINC POWDER.

Stability Condition to Avoid:AVOID STORING IN ALUMINUM CONTAINERS OR CONTACT WITH ALUMINUM POWDER OR ZINC POWDER.

Hazardous Decomposition Products:HYDROGEN CHLORIDE, CHLORINE AND PHOSGENE

=====

===== Toxicological Information =====

Toxicological Information:LONG-TERM TOXICOLOGICAL STUDIES HAVE NOT BEEN CONDUCTED FOR THIS PRODUCT.

===== Ecological Information =====

Ecological:ECOTOXICITY: NO DATA AVAILABLE. ENVIRONMENTAL FATE: NO DATA AVAILABLE FOR BIODEGRADATION.

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

Waste Disposal Methods:THIS MATERIAL IF DISCARDED MAY BE HAZARDOUS WASTE UNDER U.S. EPA RCRA REGULATIONS. ALL DISPOSAL ACTIVITIES MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONTACT YOUR LOCAL OR STATE ENVIRONMENTAL AGENCY FOR SPECIFIC RULES. DO NOT DUMP INTO SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER.

===== MSDS Transport Information =====

Transport Information:SHIPPING NAME: CONSUMER COMMODITY. HAZARD CLASS: ORM-D. UN NUMBER: NOT APPLICABLE. PACKING GROUP: NOT APPLICABLE. LABEL: NOT APPLICABLE. PLACARD: NOT APPLICABLE. SPECIAL PROVISIONS: NOT APPLICABLE.

===== Regulatory Information =====

SARA Title III Information:SARA TITLE III, SECTION 311/312 HAZARD CATEGORIES: ACUTE/CHRONIC. SECTION 313: TRICHLOROETHYLENE. CERCLA/SUPERFUND (RQ): 100 LBS. EXTREMELY HAZARDOUS SUBSTANCES: NO.

Federal Regulatory Information:TSCA: ALL COMPONENTS ARE EITHER LISTED UNDER TSCA INVENTORY OR ARE EXEMPT.

State Regulatory Information:CALIFORNIA PROPOSITION 65: THIS PRODUCT

CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its

use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.