

PROCURED BY DEFENSE SUPPLY CENTER RICHMOND -- 5704077,VULCANIZING SOLUTION --
2640-00-052-6724

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

Product ID:5704077,VULCANIZING SOLUTION

MSDS Date:08/28/1997

FSC:2640

NIIN:00-052-6724

MSDS Number: CFCRN

=== Responsible Party ===

Company Name:PROCURED BY DEFENSE SUPPLY CENTER RICHMOND

Address:8000 JEFFERSON DAVIS HIGHWAY

City:RICHMOND

State:VA

ZIP:23297-5680

Countr

y:US

Info Phone Num:804-279-4371

Emergency Phone Num:804-279-4371

Preparer's Name:DSCR-VBA(LEVIEN)

CAGE:JO760

=== Contractor Identification ===

Company Name:DEFENSE GENERAL SUPPLY CENTER

Address:8000 JEFFERSON DAVIS HWY

Box:City:RICHMOND

State:VA

ZIP:23297-5000

Phone:804-279-4371

CAGE:13873

Company Name:PROCURED BY DEFENSE INDUSTRIAL SUPPLY CENTER

Address:700 ROBBINS AVENUE

Box:City:PHILADELPHIA

State:PA

ZIP:19111-5096

Country:US

Phone:215-697-2000

CAGE:JO760

Company Name:SABINE ASSN FOR RETARDE

D CITIZENS INC
Address:545 W SAN ANTONIO AVE
Box:1150
City:MANY
State:LA
ZIP:71449
Country:US
Phone:318-256-2025
CAGE:0F8U7

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
CAS:71-55-6
RTECS #:KJ2975000
Fraction by Wt: 96-98%
Other REC Limits:350 PPM (CL)
OSHA PEL:350 PPM/450 STEL
ACGIH TLV:350 PPM/450STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

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===== Hazards

Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) = 10300 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE EYE & SKIN
IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. CENTRAL NERVOUS
SYSTEM DEPRESSANT. LOSS OF CONSCIOUSNESS AND EVEN DEATH CAN OCCUR
AT HIGH LEVELS OF EXPOSURE.TARGET ORGANS ARE SKIN,EYES,CNS AND
CVS.

Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY NTP, IARC
OR OSHA

Effects of Overexposure:INCOORDINATION AND IMPAIRED JUDGMENT MAY OCCUR
AT VAPOR EXPOSURES FROM 500-1000 PPM. DIZZINESS, DROWSINESS, AND
GENERAL ANESTHETIC EFFECTS MAY OCCUR IN RANGES OF 1000 PPM AND
HIGHER.

Medical Cond Aggravated by Exposure:INCREASED SENSITIVITY TO ADRENALIN
MAY BE CAUSED BY OVER EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR.

IF NOT BREATHING, GIVE CPR.

IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. EYE:
FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET
MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH
SOAP AND WATER PROMPTLY. INGESTION: DO NOT INDUCE VOMITING. GIVE
MILK OR USP MINERAL OIL. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOX
IDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:SMALL SPILL: WIPE UP WITH RAGS OR TOWELS.
LARGE SPILLS: WEAR NIOSH APPROVED RE
SPIRATOR. VENTILATE AREA. DIKE
TO RETAIN FLUID. PUMP UP FREE LIQUID. RESIDUE WILL EVAPORATE
QUICKLY. DO NOT FLUSH TO SEWER OR WATERWAY.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED
LOCATION, AWAY FROM ANY AREA WHERE THE FIRE HAZARD MAY BE ACUTE.
KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:DO NOT USE WITH ALUMINUM. READ AND FOLLOW DIRECTIONS
ON
LABEL. DO NOT REUSE CONTAINERS.

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

Respiratory Protection:IN HIGH VAPOR AREA, USE NIOSH/MSHA APPROVED
RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. USE SELF-CONTAINED
BREATHING APPARATUS IF VAPOR LEVELS EXCEED 1000 PPM.

Ventilation:LOCAL EXHAUST RECOMMENDED TO CONTROL VAPORS BELOW 50% OF
TLV.

Protective Gloves:NEOPRENE, PVA GLOVES RECOMMENDED.

Eye Protection:USE CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:APRON AN

D WORK CLOTHING TO MINIMIZE

EXPOSURE. EYE WASH STATION & SAFETY SHOWER RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING,
SMOKING OR USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.

Supplemental Safety and Health

THIS RECORD WAS GENERATED IN RESPONSE TO A TSR FROM DDJC-EBS.THIS
RECORD IS INTENDED ONLY TO FACILITATE THE RETURN OF SPECIFIC STOCK
BELIEVED TO CONTAIN 1,1,1-TRICHLOROETHANE.THIS RECORD DOES NOT DESC
RIBE ANY MATERIEL TO BE OFFER
ED COMMERCIALY.

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

HCC:T4

Boiling Pt:B.P. Text:74-76F

Melt/Freeze Pt:M.P/F.P Text:-95F,-71C

Vapor Pres:104.4

Vapor Density:4.54

Spec Gravity:1.338

pH:6-7.5

Evaporation Rate & Reference:0.35 ETHER=1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TRANSLUCENT,YELLOWISH LIQUID WITH ETHER-LIKE ODOR.

Percent Volatiles by Volume:95-97

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

Stability Indicator/Mat

erials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES
OF IGNITION

Hazardous Decomposition Products:WHEN INVOLVED IN FIRE,
1,1,1-TRICHLOROETHANE EMITS HIGHLY TOXIC AND IRRITATING HYDROGEN
CHLORIDE AND PHOSGENE FUMES.

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

Waste Disposal Methods:DISOPSE OF I/A/W FEDERAL, STATE & LOCAL
REGULATIONS

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gencies):

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