

PROCURED BY: DEFENSE GENERAL SUPPLY CENTER -- ACETIC ACID, GLACIAL --
6810-01-344-1116

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

Product ID: ACETIC ACID, GLACIAL

MSDS Date: 06/16/1994

FSC: 6810

NIIN: 01-344-1116

MSDS Number: BTKXY

=== Responsible Party ===

Company Name: PROCURED BY: DEFENSE GENERAL SUPPLY CENTER

Address: 8000 JEFFERSON DAVIS HIGHWAY

City: RICHMOND

State: VA

ZIP: 23297-5680

Country: US

Info Phone Nu

m: 804-279-4371

Emergency Phone Num: 804-279-4371

Preparer's Name: DGSC-SHH/HMIS(LEVIEN)

CAGE: KO196

=== 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 GENERAL SUPPLY CENTER

Address: 8000 JEFFERSON DAVIS HIGHWAY

Box: City: RICHMOND

State: VA

ZIP: 23297-5680

Country: US

Phone: 804-279-4371

CAGE: KO196

===== Composition/Information on In

gredients =====

Ingred Name:ACETIC ACID (SARA III)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD 50 ORAL RAT IS 3310 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL
:MISTS ARE CORROSIVE TO
NOSE,THROAT AND MUCOUS MEMBRANES.MAY CAUSE LUNG IRRITATION OR
DAMAGE.EYES:MIST/VAPOR IS CORROSIVE,CAUSING DAMAGE.PROLONGED
EXPOSURE MAY CAUSE BLINDNESS.SKIN:MAY CAUSE IRRI TATION AND
BURNS.INGEST:LIQUID AND VAPORS ARE CORROSIVE TO THE MOUTH AND
THROAT.LARGE DOSES CAN CAUSE DEATH.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:INHAL:COUGHING,CHEST PAIN,DI
FFICULTY IN
BREATHING ...DEATH.INGEST:ABDOMINAL
PAIN,NAUSEA,VOMITING,COLLAPSE.CHRONIC:EROSION OF TEETH,LESIONS ON
SKIN,BRONCHIAL IRRITATION,COUGHING,PNEUMONIA.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING EYE,
SKIN OR RESPIRATORY DISEASES MAY BE MORE AT RISK BY EXPOSURE TO
THIS PRODUCT.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH
WITH WATER FOR 15 MINUTES.
INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR
ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET
PROMP T QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER OR
MILK.

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

Flash Point Method:TCC
Flash Point:109F,43C
Autoignition Temp:Autoignition Temp Text:867F
Lower Limits:4.0
Upper Limits:20.0
Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE, ALCOHOL FOAM, OR
DRY CHEMICAL.
Fire Fighting Procedures:US

E A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.CONTACT WITH METALS GIVES OFF HYDROGEN.HOT VAPORS ARE COMBUSTIBLE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SH

UT OFF LEAK IF

SAFE.DIKE.NEUTRALIZE WITH SODA ASH OR LIME;SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLAC E IN PROPER CONTAINER FOR DISPOSAL.AVOIDSEWER.

Neutralizing Agent:SODA ASH OR LIME.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. FLAMMABLE LIQUID STORAGE AREA OR CABINET. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN HAZARDOUS

RESIDUE;DISPOSE OF PROPERLY.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NOISH/MSHA APPROVED RESPIRATOR FOR ACID GAS,DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.PROVIDE EYE BATH,SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

MSDS GENERATED FOR USE WITH DOD 4160.21-H(PAGE IV-37).MSDS SOURCE:MSDS/FTSS(CCINFO,93-3).

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

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HCC:F6

Boiling Pt:=117.8C, 244.F

Melt/Freeze Pt:=16.7C, 62.F

Vapor Pres:11

Vapor Density:2.1

Spec Gravity:1.05

pH:2.4

Viscosity:1.9 CPS

Evaporation Rate & Reference: