

GENERAL CHEMICAL CORPORATION -- ACETONE -- 6810-01-031-9530

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

Product ID:ACETONE

MSDS Date:10/01/1989

FSC:6810

NIIN:01-031-9530

MSDS Number: BQFCB

=== Responsible Party ===

Company Name:GENERAL CHEMICAL CORPORATION

Address:90 E HALSEY RD

Box:395

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:201-515-1840

Emergency Phone Num:800-631-8050

Preparer's Nam

e:DIRECTOR

CAGE:0AU44

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:GENERAL CHEMICAL CORPORATION

Address:90 EAST HALSEY ROAD

Box:City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Phone:973-515-1840

CAGE:0AU44

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

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Ot

her REC Limits:NONE RECOMMENDED  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 9750 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:ACUTE- EYE:WILL INJURE EYE IF NOT  
REMOVED PROMPTLY. SKIN:SLIGHT DERMATITIS. INHALE:MAY CAUSE GENERAL  
INTOXIC  
ATION INCLUDING INCOORDINATION, COMA, RESPIRATORY DEPRESSION  
& NARCOTIC EFFECTS ON CNS. ORAL :MAY CAUSE INTOXICATION SIMILAR TO  
INHALATION. CHRONIC- DRYNESS, DEFATTING OF SKIN AND DERMATITIS.  
Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED BY IARC,  
NTP, OR OSHA AS A SUSPECTED OR CONFIRMED CARCINOGEN.  
Effects of Overexposure:IRRITANT/NARCOTIC. HEADACHE, DIZZINESS,  
DROWSINESS, NAUSEA, VOMITING, ANOREXIA, RESTLESSNESS, DYSPNEA,  
DRYING, CRACKING & DEFATTING OF SKIN, EY  
E IRRITATION, A FRUITY ODOR  
OF THE BREATH, KETOSIS (MAY B E FATAL), FLUSHED CHEEKS, SHALLOW  
RESPIRATION, GLUCOSURIA, RESTLESSNESS, VOMITING, GASTROINTESTINAL  
IRRITATION  
Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY OR  
SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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

First Aid:GET PROMPT MEDICAL ATTENTION IN ALL CASES. INHALED:REMOVE TO  
FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED.  
EYES:IMMEDIATELY FLUSH  
WITH WATER FOR 15-20 MINUTES HOLDING EYELIDS OPEN. SKIN:WASH WELL  
WITH SOAP & WATER. ORAL:IF CONSCIOUS, DRINK 2-4 GLASSES OF WATER &  
INDUCE VOMITING. GET MEDICAL HELP IMMEDIATELY.

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

Flash Point Method:CC  
Flash Point:0F,-18C  
Autoignition Temp:Autoignition Temp Text:465C  
Lower Limits:2.6  
Upper Limits:12.3  
Extinguishing Media:DRY CHEMICAL, CO2, ALCOHOL FOAM, HALON/WATER. USE  
WATER SPRAY TO

COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR NIOSH-APPROVED+PRESSURE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE.KEEP UPWIND.EXTINGUISH ONLY IF FLOW CAN BE STOPPED(UNMANNED HOSE)/LET BURN.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE TOXIC OXIDES OF CARBON.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ELIMINATE SOURCES OF IGNITION. STOP LE

AK IF POSSIBLE. NOTIFY

AUTHORITIES IF NEEDED. CONTAIN LIQUID WITH SAND/EARTH. RECOVER BY PUMPING (EXPLOSION PROOF)/NON- FLAMMABLE ABSORBENT MATERIALS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN ACCORDANCE WITH 29 CFR 1910.106. STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:AVOID BREATHING VAPOR/MIST. AVOID CONTACT WITH EYES & SKIN. STORE WITH ADEQUATE VENTILATION. SHOU

LD BE STORED IN

CONTAINERS WHICH MEET THE GROUNDING & BONDING GUIDELINES SPECIFIED IN NFPA 77-1983. CON TAINER MAY EXPLODE IN HEAT OF FIRE.

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

Respiratory Protection:NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR/POWERED AIR-PURIFYING RESPIRATOR. FOR EMERGENCY USE SELF-CONTAINED BREATHING APPARATUS/SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE OPERATED IN POSITIVE PRE SSURE MODE.

Ventilation:MECHANICAL (GENERAL AN D/OR LOCAL EXHAUST, EXPLOSION-PROOF)

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NATURAL RUBBER, BUTYL

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.

Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

KEEP OUT O

F REACH OF CHILDREN.

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

HCC:F2

Boiling Pt:B.P. Text:133F,56C

Melt/Freeze Pt:M.P/F.P Text:-127F,-89C

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.785

Evaporation Rate & Reference:7.7 (N-BUTYL ACETATE=1)

Solubility in Water:VERY SOLUBLE

Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID WITH A  
CHARACTERISTIC ODOR

Percent Volatiles by Volume:100

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

Stab

Stability Indicator/Materials to Avoid:YES

ACETALDEHYDE, CHLORINE, ETHYLENE OXIDE, OLEUM, HYPOCHLOROUS ACID,  
ISOCYANATES, STRONG OXIDIZING AGENTS IN GENERAL

Stability Condition to Avoid:HIGH HEAT, SPARKS, STATIC ELECTRICITY, HOT  
SURFACES, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY  
INCLUDE TOXIC OXIDES OF CARBON AND ALDEHYDES.

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

Waste Disposal Methods:CONS

ULTAN EXPERT ON DISPOSAL OF RECOVERED

MATERIAL AND ENSURE CONFORMITY TO LOCAL, STATE AND FEDERAL DISPOSAL  
REGULATIONS. RUN-OFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.  
EPA "HAZARDOUS WASTE" (IGNITIBLE), IF DISCARDED D001.

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.