

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 Name: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  
O

ther 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  
INTOXI  
CATION 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, E  
YE 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 LEAK 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. SHOULD BE STORED IN CONTAINERS WHICH MEET THE GROUNDING & BONDING GUIDELINES SPECIFIED IN NFPA 77-1983. CONTAINER 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 PRESSURE MODE. Ventilation:MECHANICAL (GENERAL AND/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

OF 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 =====

Sta

bility 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:CON

SULT AN 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.

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