

EXXON CHEMICAL AMERICAS -- ACETONE -- 6810-00-281-1864

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Product Identification
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Product ID:ACETONE

MSDS Date:05/09/1993

FSC:6810

NIIN:00-281-1864

MSDS Number: BDSNZ

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:800-726-2015/800-424-9300(CHEMTREC)

Emergency Phone Num:800-726-2015/800-424-9300(CHEMTREC)

CA

GE:72190

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

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Composition/Information on Ingredients
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Ingred Name:ACETONE (SARA III)

CAS:67-6

4-1

RTECS #:AL3150000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:TLV IS 750 PPM (1800 MG/M3).

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, LUNG, CNS.

ACUTE- EYE:WILL INJURE EYE IF NOT

REMOVED PROMPTLY. SKIN:MAY CAUSE

DERMATITIS. INHALE:MAY CAUSE RESPIRATORY TRACT IRRITATION,
HEADACHES, DIZZINESS, ANESTHETIC & CNS EFFECTS. ORAL:MINIMAL
TOXICITY. ASPIRATION HAZARD. CHRONIC- DRYNESS, DEFATTING &
DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,
VOMITING, RESTLESSNESS, DRYING, CRACKING & DEFATTING OF SKIN, EYE
IRRITATION, GASTROINTESTINAL IRRITATION, RESPIRATORY TRACT
IRRITATION

Medical Co

nd Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY OR
SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED.
GET PROMPT MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH WATER FOR
AT LEAST 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN.
SKIN:WASH WELL WITH SOAP & WATER. ORAL:FIRST AID IS NORMALLY NOT
REQUIRED. GET MEDICAL HELP I
F NEEDED.

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

Flash Point Method:TCC

Flash Point:0F,-18C

Autoignition Temp:Autoignition Temp Text:1000F

Lower Limits:2.6

Upper Limits:13.0

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, 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 STOP

PED(UNMANNED HOSE)/LET BURN.

Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE DUE TO EXTREME HEAT.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ELIMINATE SOURCES OF IGNITION. STOP LEAK IF POSSIBLE. CONTAIN LIQUID WITH SAND/EARTH. RECOVER BY PUMPING (EXPLOSION PROOF)/NON-FLAMMABLE ABSORBENT MATERIALS. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES, IN WELL VENTILATED AREA AWAY FROM SPARKS, FLAMES, OTHER SOURCES OF IGNITION & INCOMPATIBLE SUBSTANCES.

Other Precautions:AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES & SKIN. SHOULD BE STORED IN CONTAINERS WHICH MEET THE GROUNDING & BONDING GUIDELINES SPECIFIED BY NFPA. KEEP OUT OF REACH OF CHILDREN. WASH THOROUGHLY AFTER HANDLING.

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===== 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 IF CONTACT IS POSSIBLE

Eye Protection

n:SAFETY GOGGLES IF CONTACT IS POSSIBLE

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

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

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

Melt/Freez

e Pt:M.P/F.P Text:-138F,-94C

Vapor Pres:213 @ 77F

Vapor Density:2.0

Spec Gravity:0.79

Evaporation Rate & Reference:11.6 (N-BUTYL ACETATE=1)

Solubility in Water:100% @ 68F

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, AMMONIA, STRONG OXIDIZING
AGENTS AND CHLORINATE
D COMPOUNDS

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.

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

Waste Disposal Methods:CONSULT 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. RQ IS 5000
POUNDS.

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