

EXXON CHEMICAL AMERICAS A DIV OF EXXON CHEMICAL CO -- PRODUCT--00830ED ACETONE --
6810-00-223-2739

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Product Identification
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Product ID:PRODUCT--00830ED ACETONE

MSDS Date:08/01/1981

FSC:6810

NIIN:00-223-2739

MSDS Number: BDKFW

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS A DIV OF EXXON CHEMICAL CO

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-87

0-6000

Emergency Phone Num:713-870-6000

CAGE:72190

=== Contractor Identification ===

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:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rp

t Qty:5000 LBS

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===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 ORAL RAT=5800MG/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: VAPOR IRRITATES EYES,NOSE &
THROAT.LIQUID MAY CAUSE EYE INJURY. CHRONIC: LIQUID IS IRRITATING
TO SKIN,CAUSING DERMATITIS.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:ANY MEDICAL
CONDITIONS AFFECTING
THE SAME ORGANS AS THOSE AFFECTED BY OVEREXPOSURE.

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===== First Aid Measures =====
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First Aid:IF OVERCOME BY VAPORS,REMOVE TO FRESH AIR,AND IF BREATHING
STOPPED,GIVE CPR.KEEP INDIVIDUAL CALM.CALL A PHYSICIAN.IF SKIN
CONTACT OCCURS,WASH AFFECTED PARTS THOROUGHLY WITH SOAP &
WATER;LAUNDER CLOTHI NG BEFORE REUSE.IF EYE CONTACT OCCURS,FLUSH
WITH WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN.

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===== F
ire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:0F,-18C
Lower Limits:2.6
Upper Limits:13.0
Extinguishing Media:DRY CHEMICAL OR ALCOHOL-TYPE FOAM. WATER SPRAY MAY
BE INEFFECTIVE.
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE-EXPOSED SURFACES
AND TO PROTECT PERSONNEL.
Unusual Fire/Explosion Hazard:DANGER! THIS PRODUCT IS EXTREMELY
FLAMMABLE.MAY CAUSE FLASH FIRE.RESPIRATORY PROTECTION REQUIRED FOR
FIREFIGHT PERSONNEL.STAY UPWIND,IF POSSIBLE.

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===== Accidental Release Measures =====
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Spill Release Procedures:KEEP PUBLIC AWAY.SHUT OFF SOURCE IF POSSIBLE
TO DO SO WITHOUT HAZARD.ELIMINATE SOURCES OF IGNITION.WARN
OCCUPANTS OF DOWNWIND AREAS OF EXPLOSION HAZARD.PREVENT LIQUID FROM
ENTERING SEWERS,WATERCOURSES OR LOW AREAS.

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===== Handling and Storage =====
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Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN
USE.DO NOT HANDLE OR STORE NEAR FLAM

E,HEAT OR STRONG

OXIDANTS.ADEQUATE VENTILATION REQUIRED.

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN
EMPTIED.EMPTIED CONTAINERS RETAIN PRODUCE RESIDUES
(VAPORS,LIQUID,ETC.).OBSERVE ALL HAZARD PRECAUTIONS OUTLINED IN
THIS SHEET.ALL HANDLING EQUIPMENT S HOULD BE ELECTRICALLY GROUNDED.

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

Respiratory Protection:USE APPROVED RESPIRATORY PROTECTION SUCH AS
AIR-SUPPLIED MASK IF USED IN ENCLOS
ED SPACES.

Ventilation:LOCAL EXHAUST WITH FACE FELOCITY >60FPM IN CONFINED SPACE.
MECHANICAL (GENERAL),USE EXPLOSION-PROOF VENTILATION EQUIPMNT

Protective Gloves:CHEMICALLY RESISTANT GLOVES

Eye Protection:CHEMICAL SPLASH GOGGLES OR FACE SHIELD.

Other Protective Equipment:USUALLY NOT NEEDED.

Work Hygienic Practices:STANDARD HYGIENIC PRACTICES.

Supplemental Safety and Health
NO SMOKING OR OPEN LIGHTS.

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

HCC:F2

Boiling Pt:B.P.

Text:133F,56C

Vapor Pres:380

Vapor Density:2.0

Spec Gravity:0.792

Evaporation Rate & Reference:11.6 (BU AC=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID,SWEET PUNGENT ODOR

Percent Volatiles by Volume:100.

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

Stability Indicator/Materials to Avoid:YES

INORGANIC

ACIDS,CAUSTIC,AMINES,ALKANOLAMINES,OXYGEN,HALOGEN,ALDEHYDES,AMMONIA
,OXIDIZING AGENTS,CHLORINATED COMPOUNDS.

Stability Condition t

o Avoid:HEAT,SPARKS,OPEN FLAMES.
Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:CONTAIN SPILLED LIQUID WITH SAND OR EARTH.DILUTE
CONTAINED SPILL WITH WATER.RECOVER FREE LIQUID BY PUMPING OR WITH A
SUITABLE ABSORBANT.CONSULT A DISPOSAL EXPERT AND ENSURE CONFORMITY
TO FEDERAL,STATE AND LOCAL REGULATIONS.

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