

EXXON CHEMICAL CO. DIV OF EXXON CHEMICAL AMERICAS -- ACETONE -- 6810-00-184-4796
===== Product Identification =====

Product ID:ACETONE

MSDS Date:06/25/1995

FSC:6810

NIIN:00-184-4796

MSDS Number: BDGXS

=== Responsible Party ===

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

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-870-6000/-6885 (HEALTH/SAFETY)

Emergen

cy Phone Num:713-870-6000/CHEMTREC 800-424-9300

CAGE:4H542

=== 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:EXXON CHEMICAL CO USA SALES OFFICE

Address:1333 W LOOP S

Box:3272

City:HOUSTON

State:TX

ZIP:77253

Country:US

Phone:281-870-6000/6884

CAGE:4H542

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

Address:13501 KATY FWY

Box:32

72

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

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

CAGE:72190

Company Name:STARTEX CHEMICAL INC

Address:5 HACKBERRY LANE

Box:3087

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-539-6244

CAGE:0YFV5

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

Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9596

EPA Rpt Qty:5000 LB

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DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:IRRITATING TO EYES & WILL INJURE EYE

TISSUE. FREQUENT OR PROLONGED SKIN CONTACT MAY IRRITATE & CAUSE

DERMATITIS. INHALATION OF VAPORS MAY CAUSE IRRITATION OF

RESPIRATORY TRACT, CNS EFFECTS. INGESTION O

F SMALL AMOUNTS IS OF

MINIMAL TOXICITY. ASPIRATION MAY CAUSE BRONCHIOPNEUMONIA OR

PULMONARY EDEMA.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP,

OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES-IRRITATION, INJURE EYE TISSUE.

SKIN-IRRITATION, DERMATITIS. INJESTED-BRONCHIOPNEUMONIA, PULMONARY

EDEMA. INHALED-HEADACHES, DIZZINESS, ANESTHETIC, CNS EFFECTS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures =====

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES & SHOES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-NOT NORMALLY REQUIRED.

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

Flash Point Method:TOC

Flash Point:0F,-18C

Autoignition Temp:Autoignition Temp Text:1000F

Lower Limits:2.6

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Upper Limits:13.0

Extinguishing Media:USE WATER FOG,CARBON DIOXIDE,FOAM, OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES & TO PROTECT PERSONNEL

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.SHUT OFF"FUEL"TO FIRE.LET IT BURN/USE ALCOHOL TYPE FOAM TO COVER IT.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE; MATERIAL WILL READILY IGNITE AT AMBIENT TEMPERATURES.

===== Accidental

Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. STOP LEAK IF POSSIBLE. NOTIFY AUTHORITIES IF 5,000 LBS OR MORE IS SPILLED (800-424-8802). CONTAIN LIQUID WITH SAND/EARTH.RECOVER BY PUMPING (EXPLOSION PROOF) OR SUITABLE ABSORBENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED

PLACE AWAY FROM SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS. PROTECT FROM DIRECT SUNLIGHT.

Other Precautions:AVOID BREATHING VAPOR/MIST. AVOID CONTACT WITH EYES & SKIN. STORE WITH ADEQUATE VENTILATION. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS PRODUCT RESIDUES. DRUM SHOULD BE GROUNDED & BONDED WHEN TRANSFERRING LIQUID CONTENTS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED FULL-FACE ORGANIC VAPOR CARTRIDGE OR CANISTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT. THE USE OF MECHANICAL DILUTION VENTILATION IF MATERIAL IS HEATED/AGITATED.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRI

AL-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

MSDS DATED JULY,1982

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

HCC:F2

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

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

Vapor Pres:56

Vapor Density:2.00

Spec Gravity:0.79

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

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID WITH A CHARACTERISTIC PUNGENT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, AMMONIA AND CHLORINATED COMPOUNDS.

Stability Condition to Avoid:NOT APPLICABLE.

Hazardous Decomposition Products:NO UNUSUAL.

===== Disposal C

onsiderations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. DLA-HMIS: EPA/RCRA HAZWASTE NUMBERS D001 (IGNITABLE), U002 (ACETONE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

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