

FISHER SCIENTIFIC CO CHEMICAL MFG DIV -- ACETONE -- 6810-01-324-6306

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Product Identification
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Product ID:ACETONE

MSDS Date:07/14/1993

FSC:6810

NIIN:01-324-6306

MSDS Number: BRRLQ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL MFG DIV

Address:1 REAGENT LN

City:FAIR LAWN

State:NJ

ZIP:07410-2802

Country:US

Info Phone Num:201-796-7100/800-766-7000 X3725

Emergency Phone

Num:201-796-7100/800-766-7000 X3725

CAGE:2G230

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL MFG DIV

Address:1 REAGENT LN

Box:City:FAIR LAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100/800-766-7000 X3725

CAGE:2G230

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

Company Name:SILFEN LEO INC, INDUSTRIAL CHEMICAL DIV

Address:80 BUSINESS PARK DR SUI

TE 206
Box:City:ARMONK
State:NY
ZIP:10504-1710
Country:US
Phone:800-431-1075
CAGE:1GJ71

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

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5800 MG/KG.

Routes of Entr

y: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYES: IRRITATION, CONJUNCTIVITIS.

SKIN: IRRITATION, DERMATITIS. INHALATION: IRRITATION OF THROAT AND UPPER RESPIRATORY TRACT, CNS DEPRESSION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, COMA, LIVER DAMAGE, KIDNEY DAMAGE, FATAL KETOSIS. INGESTION: GASTROENTERIC IRRITATION, DIARRHEA, NAUSEA, VOMITING, COMA, FATAL KETOSIS.

Explanation of Carcinogenicity:NON

E OF THE COMPOUNDS IN THIS PRODUCT IS

LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES: IRRITATION, STINGING SENSATION, CONJUNCTIVITIS. SKIN: IRRITATION, DERMATITIS. INHALATION: THROAT AND UPPER RESPIRATORY TRACT IRRITATION, CNS DEPRESSION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, CO MA, LIVER AND KIDNEY DAMAGE, FATAL KETOSIS. INGESTION: GASTROENTERIC IRRITATION, DIARRHEA, VOMITING, COMA,FATAL KETOSIS.

Medical Cond Aggravated by Exposure:PERSON WIT

H PRE-EXISTING DISEASE

INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GIVE CPR/OXYGEN AS NEEDED. GET MEDICAL ATTENTION. INGESTION: INDUCE VOMITING BY GIVING SYRUP OF IPEDAC FOLLOWED BY WATER. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. GET MEDICAL ATTENTION.

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

Flash Point Method:CC

Flash Point:-4F,-20C

Autoignition Temp:Autoignition Temp Text:869F

Lower Limits:2.5

Upper Limits:13

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY, ALCOHOL RESISTANT FOAM. SOLID WATER STREAMS MAY BE INEFFECTIVE.

Fire Fighting Procedures:COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY

STAY AWAY FROM ENDS OF TANKS. USE FLOODING AMOUNTS OF WATER AS A FOG.

Unusual Fire/Explosion Hazard:IF CONTAINERS ARE EXPOSED TO DIRECT FLAME, EVACUATE TO A RADIUS OF 1500 FEET. CONSIDER EVACUATION OF DOWNWIND AREA IF MATERIAL IS LEAKING.

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

Spill Release Procedures:SHUT OFF IGNITION SOURCES. STOP LEAK. USE WATER SPRAY TO REDUCE VAPORS. ABSORB SMALL SPILL WITH ABSORBENT MATERIAL AND PLACE INTO CONTAINERS

FOR DISPOSAL. DIKE LARGER SPILL

FOR LATER DISPOSAL. NO SMOKING, FLAMES, OR FLARES IN HAZARD AREA.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:STORE IN CONTAINERS WHICH MEET THE BONDING AND GROUNDING GUIDELINES SPECIFIED

D BY NFPA, RECOMMENDED PRACTICE ON
STATIC ELECTRICITY. USE SPARK-RESISTANT TOOLS.

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

Respiratory Protection:NONE NORMALLY REQUIRED WITH ADEQUATE
VENTILATION. NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANICS CARTRIDGE
OR APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS AS
APPROPRIATE FOR THE EXPOSURE .

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL VENTILATION TO MEET
PUBLISHED EXPOSURE LIMITS. EQUIPMENT
MUST BE EXPLOSION-PROOF.

Protective Gloves:RUBBER GLOVES TO PREVENT SKIN EXPOSURE.

Eye Protection:CHEMICAL GOGGLES TO PREVENT EYE CONTACT.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED TO PREVENT SKIN
EXPOSURE.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

USE ONLY WITH ADEQUATE VENTILATION. LETHAL DOSES
MAY EXIST IN AREAS
WITH POOR VENTILATION.

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:-139F,-95C

Vapor Pres:180 @ 68F

Vapor Density:2.0

Spec Gravity:0.7899

Evaporation Rate & Reference:6 (BUTYL ACETATE = 1)

Solubility in Water:VERY SOLUBLE

Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID. SWEETISH
MINT-LIKE ODOR AND SWEET TASTE.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ACIDS, AMINES, BROMINE, STRONG OXIDIZING AGENTS, PLASTICS, RAYON.

Stability Condition to Avoid:STABLE UNDER NORMAL TEMPERATURES AND
PRESSURES. AVOID HIGH HEAT, OPEN FLAMES, AND OTHER SOURCES OF
IGNITION.

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

Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION HAS NOT
BEEN REPORTED TO OCCUR UND

ER NORMAL TEMPERATURES AND PRESSURES.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL
REGULATIONS.

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