

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

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Product Identification  
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Product ID:ACETONE

MSDS Date:12/12/1997

FSC:6810

NIIN:01-324-6306

MSDS Number: BPZNC

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100 OR 201-796

-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

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

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

CAS:67-64-1

RTECS #:AL3150000

= Wt:99.

Other R

EC 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 =====

LD50 LC50 Mixture:LD50 ORAL (RAT) = 3000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE RESPIRATORY TRACT  
IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION. REPEATED OR  
PROLONGED SKIN EXPOSURE MAY  
CAUSE DERMATITIS. MAY CAUSE EYE  
IRRITATION. MAY CAUSE A FRUITY ODOR OF THE BREATH AND MUCOUS  
MEMBRANE AND GASTROENTERIC IRRITATION.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:THROAT IRRITATION, WEAKNESS OF LEGS, HEADACHE,  
DIZZINESS, DROWSINESS, NAUSEA, SKIN DRYING/DEFATTING/CRACKING, EYE  
IRRITATION, CONJUNCTIVITIS,RESTLESSNESS, DIARRHEA, NA  
USEA,  
VOMITING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS  
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL  
ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET  
MEDICAL ATTENTION. INGESTION: INDUCE EMESIS BY GIVING SYRUP  
OF  
IPECAC FOLLOWED BY WATER. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS.  
GET PHYSICIAN.

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

Flash Point Method:CC  
Flash Point:=-20.C, -4.F  
Autoignition Temp:=465.C, 869.F  
Lower Limits:2.5 %  
Upper Limits:13 %  
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE,  
ALCOHOL-RESISTANT FOAM  
Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF CAN DO SO.  
APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPO

SED TO

FLAMES. STAY AWAY FROM ENDS OF TANKS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FO

R DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. STORE IN ACCORDANCE WITH 29 CFR 1910.106.

Other Precautions:AVOID SKIN CONTACT. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. AVOID CONTACT WITH HEAT, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION. VAPORS MAY BE EXPLOSIVE AND POISONOUS. DO NOT OVERHEAT CONTAINERS, THEY MAY EXPLODE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS

Eye Prot

ection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

CONSUMPTION OF ALCOHOL MAY ENHANCE THE TOXIC EFFECTS OF SUBSTANCE.

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

HCC:F2

Boiling Pt:=56.1C, 133.F

Melt/Freeze Pt:=-95.C, -139.F  
Vapor Pres:180  
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 WITH A  
CHARACTERISTIC SWEETISH ODOR  
Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, ACIDS, AMINES, BROMINE, NITRIC ACID  
Stability Condition to Avoid:HEAT, OPEN FLAME  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
UNIDENTIFIED ORGANIC COMPOUNDS.

===== Ecological Information =====

Ecological:ECOTOXICITY: RAINBOW TROUT LC50: 5540 MG/L/96H. SUNFISH:  
DEATH AT 14250 PPM/24H. MOSQUITO FISH: TLM: 13000 PPM/48H.  
ENVIRONMENTAL FATE: VOLATILIZES, LEECHES, AND BIODEGRADES WHEN  
RELEASED TO SOIL.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DOT: ACETONE, HAZARD CLASS 3, UN1090, PACKING  
GROUP II.

===== Regulatory Information =====

SARA Title III Information:SARA 302: RQ 5000 POUNDS.  
Federal Regulatory Information:T

SCA: CAS 67-64-1 IS LISTED ON THE TSCA  
INVENTORY. CLEAN WATER ACT: NONE OF THE CHEMICALS IN THIS PRODUCT  
ARE LISTED AS HAZARDOUS SUBSTANCES UNDER THE CWA.  
State Regulatory Information: CAS 67-64-1 CAN BE FOUND ON THE FOLLOWING  
STATE RIGHT TO KNOW LISTS: CA, NJ, FL, PA, MN, MA.

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