

FISHER SCIENTIFIC, CHEMICAL DIV. -- A18-4 ACETONE -- 6810-00-264-8955

===== Product Identification =====

Product ID:A18-4 ACETONE

MSDS Date:11/30/1994

FSC:6810

NIIN:00-264-8955

MSDS Number: BQCQZ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100 OR 201-796-7523

Emergency Phone Num:201-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Id

entification ===

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

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

Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 99%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:750PPM/1000STEL;9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identi

fication =====

LD50 LC50 Mixture:ORAL LD50 (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:EYE:IRRIT,CHARACTERIZED BY BURNING
SENS,REDNESS,TEARING,INFLAMM,POSSIBLE CORNEAL INJURY.SKIN:MAY CAUSE
IRRIT CHARACTERIZED BY REDNESS,DRYNESS,INFLAMM.INGEST:MAY CAUSE
IRRIT OF GI TRACT.MAY CAUSE CNS D EPRESS,KIDNEY/LIVER DMG.INHAL:HI
CONC MAY CAUSE CNS EFFECTS.CH
RONIC:PROL/REP SKIN CONTACT MAY CAUSE
DERM.
Explanation of Carcinogenicity:PER MSDS:NOT LISTED BY
ACGIH,IARC,NIOSH,NTP,OSHA.
Effects of Overexposure:EYE IRRIT,BURNING
SENSATION,REDNESS,INFLAMMATION. IRRIT DIGESTIVE TRACT,CNS
DEPRESSION,KIDNEY/LIVER
DMG,HEADACHE,EXCITEMENT,FATIGUE,NAU,VOMIT,STUPOR,COMA. CNS EFFECTS
CHARACTERIZED BY HEADACHE,DIZZINE SS,UNCONSCIOUSNESS,COMA.RESP
TRACT IRRIT,MOTOR INCOORDINATION,SPEECH ABNORMALITIES.DERMATITIS.
Medical Cond Aggravated by
Exposure:TARGET ORGANS:KIDNEYS,CENTRAL
NERVOUS SYSTEM,LIVER,RESPIRATORY SYSTEM.

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

First Aid:EYE:FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS,LIFTING
UPPER/LOWER LIDS.GET MED AID IMMED.SKIN:FLULSH W/PLENTY OF
SOAP/WATER FOR @LEAST 15MINS WHILE REMOVING CONTAMIN
CLOTH/SHOES.IRRIT DEVELOPS/PERSIST GET MED AID.INGEST:IF
CONSC/ALERT GIVE2-4 CUPFULS OF MILK/WATER.GET MED AID
IMMED.INHAL:GET MED AID IMMED.REMOVE T
O FRESH AIR IMMED.NOT BREATH
GIVE ART RESP;DIFFI BREATH GIVE OXY.DR:TREAT (SUPPLE)

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

Flash Point:-4F,-20C
Autoignition Temp:Autoignition Temp Text:33F
Lower Limits:2.5
Upper Limits:12.8
Extinguishing Media:SM:USE DRY CHEMICAL,CARBON DIOXIDE,WATER SPRAY OR
ALCOHOL-RESISTANCT FOAM.
Fire Fighting Procedures:WEAR SCBA IN PRESSURE-DEMAND
MSHA/NIOSH(APPROVED/EQUIVALENT)& FULL PROTECTIVE GEAR.USE WATER
SPRAY TO KEEP FI

RE-EXPO CNTNRS COOL.

Unusual Fire/Explosion Hazard:VAPORS CAN TRAVEL TO SOURCE OF IGNITION & FLASHBACK.CNTNRS CAN BUILDUP PRESSURE IF EXPO TO HEAT &/OR FIRE.

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

Spill Release Procedures:USE PROPER PPE.ABSORB W/INERT MATL(DRY SAND,EARTH).PLACE INTO CHEM WASTE CNTNR.WEAR APPROPRIATE PROT CLOTH TO MIN CONTACT W/SKIN.REMOVE ALL IGN SOURCES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handlin
g and Storage =====

Handling and Storage Precautions:USE W/ADEQUATE VENTILATION.AVOID CONTACT W/EYE/SKIN/CLOTHING.EMPTY CNTNRS RETAIN PROD RESIDUE(LIQ &/OR VAP)-DANGEROUS.

Other Precautions:DON'T PRSSURIZE/CUT/WELD/BRAZE/SOLDER/DRILL/GRIND/EXPO EMPTY CNTNRS TO HEAT/SPARKS/OPN FLAMES.KEEP AWAY FROM IGN SOURCES.STORE IN TIGHTLY CLSD CNTNRS.

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

Respiratory Protection:FOLLOW OSHA RESPIRATOR REGU
LATIONS FOUND IN 29

CFR 1919.134.ALWAYS USE NIOSH-APPROVED RESPORTOR WHEN NECESSARY.

Ventilation:USE PROCESS ENCLOSURE,LOC EXHAU VENTI,OTHER ENGINEERING CNTRLS TO CNTRL AIRBORNE LEVELS BEL RECOMMENDED EXPO LIMITS.

Protective Gloves:APPROPRIATE GLOVES (POLYETHYLENE).

Eye Protection:CHEMICAL GOGGLES & FACE SHIELD.

Other Protective Equipment:WEAR POLYETHYLENE GLOVES,APRON,&/OR CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFT HNDLG.WASH CONTAMIN CLOTH BEF RESUE.

Supplemental Saf
ety and Health

IMCOMPATIBLE:CHLORIDE,NITROSYL CHLORIDE,HEXACHOOROMELAMINE,NITROSYL PERCHLORATE,NITRYL PERCHLORATE,PERMONOSULFURIC ACID,THIODIGLYCOL+HYDROGEN PEROXIDE. 1STAID:SYMPT/SUPPORT.NO SPECIFIC ANTIDOTE EXISTS .

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:-140F,-95C

Decomp Temp:Decomp Text:N/AVAI

Vapor Pres:180

Vapor Density:2.0

Spec Gravity:0.79

pH:7

Viscosity:N/AVAI

Evaporation Rate &a

mp; Reference:7.7 (N-BUTYL ACETATE=1)

Solubility in Water:NOT AVAILABLE.

Appearance and Odor:LIQUID, COLORLESS, HIGHLY VOLATILE LIQUID, SWEETISH
ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

FORMS EXPLO MIX W/HYDROGEN PEROXIDE,ACETIC ACID,NITRIC ACID,NITRIC
ACID+SULFURIC ACID,CHROMIC ANHYDRIDE,CHROMYL (SUPPLE)

Stability Condition to Avoid:HIGH TEMPERATURES, TEMPERATUR
ES ABOVE
220C.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN MANNER CONSISTENT W/FED/STATE/LOC
REGULATIONS.RCRA WASTE #:U002.MATL BANNED FROM LAND DISPOSAL
ACCORDING TO RCRA.CHEM SUBJ TO SARA TITLE III SEC 313/40 CFR 372
REPORTING REQMTS.

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