

FISHER SCIENTIFIC CHEMICAL DIV -- ACETONE - ACETONE, REAGENT
MATERIAL SAFETY DATA SHEET
FSC: 6810
NIIN: 014120075
Manufacturer's CAGE: 1B464
Part No. Indicator: B
Part Number/Trade Name: ACETONE

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General Information

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Item Name: ACETONE, REAGENT
Company's Name: FISHER SCIENTIFIC CO CHEMICAL DIV.
Company's Street: 1 REAGENT LANE
Company's City: FAIR LAWN
Company's State: NJ
Company's Country: US
Company's Zip Code: 07410
Company's Emerg Ph #: 201-796-7100 OR 201-796-7523
Company's Info Ph #: 201-796-7100
Safety Data Action Code: A
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 02DEC94
Safety Data Review Date: 26OCT95
Supply Item Manager: CX
MSDS Serial Number: BXWHG
Hazard Characteristic Code: F2
Unit Of Issue: BX
Unit Of Issue Container Qty: 4 LITER
Type Of Container: BOTTLE
Net Unit Weight: 6.4 LBS

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: ACETONE (SARA JII)
Ingredient Sequence Number: 01
Percent: 100
Ingredient Action Code: A
NIOSH (RTECS) Number: AL3150000
CAS Number: 67-64-1
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9293
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR, COLORLESS, VOLATILE LIQUID WITH A
CHARACTERISTIC SWEETISH ODOR
Boiling Point: 133F, 56C
Melting Point: -139F, -95C
Vapor Pressure (MM Hg/70 F): 180
Vapor Density (Air=1): 2.0
Specific Gravity: 0.7899
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: 6 (BUTYL ACETATE = 1)
Solubility In Water: VERY SOLUBLE
Percent Volatiles By Volume: 100 %
Viscosity: UNKNOWN
Corrosion Rate (IPY): UNKNOWN
Autoignition Temperature: 869F

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Fire and Explosion Hazard Data

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Flash Point: -4F, -20C
Flash Point Method: CC
Lower Explosive Limit: 2.5 %
Upper Explosive Limit: 13 %

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL-RESISTANT FOAM

Special Fire Fighting Proc: MOVE CONTAINER FROM FIRE AREA IF CAN DO SO. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES. STAY AWAY FROM ENDS OF TANKS.

Unusual Fire And Expl Hazrds: VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): HEAT, OPEN FLAME

Materials To Avoid: STRONG OXIDIZING AGENTS, ACIDS, AMINES, BROMINE, NITRIC ACID

Health Hazard Data

Precautions for Safe Handling and Use

Control Measures

Transportation Data

Transportation Action Code: A

Trans Data Review Date: 95299

DOT PSN Code: ABF

DOT Proper Shipping Name: ACETONE

DOT Class: 3

DOT ID Number: UN1090

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: ADF

IMO Proper Shipping Name: ACETONE

IMO Regulations Page Number: 3102

IMO UN Number: 1090

IMO UN Class: 3.1

IMO Subsidiary Risk Label: -

IATA PSN Code: ACM

IATA UN ID Number: 1090

IATA Proper Shipping Name: ACETONE

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: ACM

AFI Prop. Shipping Name: ACETONE

AFI Class: 3

AFI ID Number: UN1090

AFI Pack Group: II

AFI Label: FLAMMABLE LIQUID

AFI Basic Pac Ref: A7.3

Disposal Data

Label Data

Label Required: YES *

Label Status: G *

Common Name: ACETONE *

Label Name: FISHER SCIENTIFIC CO CHEMICAL DIV. *

Label Street: 1 REAGENT LANE *

Label City: FAIR LAWN *

Label State: NJ *

Label Zip Code: 07410 *

Label Country: US *

Label Emergency Number: 201-796-7100 OR 201-796-7523 *

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