

L.B. ALLEN INC -- MIL-F-14256,TYPE RMA

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MSDS Safety Information
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FSC: 3439
NIIN: 00-400-1972
MSDS Date: 02/04/1994
MSDS Num: BTCLT
Product ID: MIL-F-14256,TYPE RMA
MFN: 01
Responsible Party
Cage: LO317
Name: L.B. ALLEN CO INC
Address: 725 N. CENTRAL AVE.
City: WOOD DALE IL 60191
Inf
o Phone Number: 708-595-2600
Emergency Phone Number: 708-595-2600
Preparer's Name: NONE
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 70279
Name: L.B. ALLEN CO INC
Address: 725 N CENTRAL
City: WOODALE IL 60191-1240
Phone: 708-595-2600
Cage: LO317
Name: L.B. ALLEN CO INC
Address: 725 N. CENTRAL AVE.
City: WOOD DALE IL 60191
Phone: 708-595-2600

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Item Description Information
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Item Manager: S9G
Item Name: FLUX,SOLDERING
Specification Number: MIL-F-14256
Type/Grade/Class: TYPE RMA
Unit of Issue: BT
Quantitative Expression: 00000000004OZ
UI Container Qty: 0
Type of Container: BOTTLE

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Ingredients
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Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPYL ALCOHOL (SARA

III)

% Wt: >20

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9394

Cas: 8050-09-7

Name: ROSIN ACID

% Wt: >20

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 64-17-5

RTECS #: KQ6300000

Name: ETHYL ALCOHOL

% Wt: >10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9394

Cas: 78-83-1

RTE

CS #: NP9625000

Name: ISOBUTYL ALCOHOL (SARA III)

% Wt: >22

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 50 PPM

ACGIH TLV: 50 PPM; 9394

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUT

E: INHALATION/INGESTION: MAY CAUSE GIDDINESS, DIZZINESS, SLURRED SPEECH, DISORIENTATION, POSSIBLE UNCONSCIOUSNESS. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: GIDDINESS, DIZZINESS, SLURRED SPEECH, DISORIENTATION, UNCONSCIOUSNESS.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALATION: MOVE TO FRESH AIR. SUPPORT BREATHING. IF ADVERSE SYMPTOMS DEVELOP OR PERSIST, GET MEDICAL ATTENTION

. INGESTION: GIVE TWO

GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: VENTILATE AREA WELL OR WEAR AN OXYGEN MASK AND SCOOP UP MAJORITY OF SPILL. WIPE UP BALANCE WITH RAGS FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: SINCE NO HAZA

RDOUS SUBSTANCES ARE PRESENT, MATERIAL CAN BE DISPOSED IN LANDFILL.

Handling And Storage Precautions: KEEP IN AREA WHERE PRODUCT WILL NOT OVERHEAT. KEEP CONTAINER CLOSED. PROVIDE ADEQUATE VENTILATION.

Other Precautions: KEEP AWAY FROM OPEN FLAME.

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Fire and Explosion Hazard Information
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Flash Point Text: 69.8F,21.0C

Lower Limits: 2.5

Upper Limits: UNKNOWN

Extinguishing Media: WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedures: DIVERT WATER TO BASE OF FLAME.

Unusual Fire/Explosion Hazard: OVERHEATING OF PRODUCT IN CLOSED CONTAINER CAN CAUSE EXPLOSIVE HAZARD.

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Control Measures
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Respiratory Protection: USE ORGANIC MASK OR OXYGEN MASK IF TLV IS EXCEEDED.

Ventilation: PROVIDE GOOD CROSS VENTILATION.MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.LOCAL EX

HAUST MAY BE REQUIRED.

Protective Gloves: RUBBER GLOVES RECOMMENDED..

Eye Protection: SAFETY GOGGLES RECOMMENDED.

Other Protective Equipment: USE RUBBER APRON TO PREVENT SPILL ON CLOTHING.

Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: F2

B.P. Text: 180F,82C

M.P/F.P Text: UN

KNOWN

Decomp Text: UNKNOWN

Vapor Pres: 53.6

Vapor Density: 1.18

Spec Gravity: 0.832

Evaporation Rate & Reference: >1 (ALCOHOL=1)

Solubility in Water: MISCIBLE

Appearance and Odor: TAN SOLUTION. ALCOHOL ODOR.

Percent Volatiles by Volume: 78.2

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID OVERHEATING OF CLOSED CONTAINER, SPARKS

,
OPEN FLAMES, OTHER SOURCES OF IGNITION.

Materials To Avoid: STRONG ACIDS OR ALKALIES MAY REACT VIGOROUSLY.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR. AVOID OVERHEATING OF CLOSED CONTAINER.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: LO317
Trans ID NO: 70600
Product ID: MIL-F-14256,TYPE RMA
MSDS Prepared Date: 02/04/1994
Review Date: 04/18/1994
MFN: 1
Tech Entry NOS Shipping Nm: ISOPROPYL ALCOHOL, ETHYL ALCOHOL
Net Unit Weight: 0.9 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: BT
Container QTY: 0
Type Of Container: BOTTLE
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Detail DOT Information
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DOT PSN Code: GJJ
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T8,T31
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5L
Max Qty Cargo: 60 L
Vessel Stow Req: B
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Detail IMO Information
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IMO PSN Code: HIN
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3230
UN Number: 1993
UN Hazard Class: 3.2
IMO Packaging Group: I/II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T
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Detail IATA Information
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IATA PSN BV
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE L

IQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307

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Detail AFI Information
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AFI PSN BV
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: MIL-F-14256,TYPE RMA
Cage: LO317
Assigned IND: Y
Company Name: L.B. ALLEN CO INC
Street: 725 N. CENTRAL AVE.
City: WOOD DALE IL
Zipcode: 60191
Health Emergency Phone: 708-595-2600
Label Required IND: Y
Date Of Label Review: 04/18/1994
Status Code: C
Label Date: 04/18/1994
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Sever
e
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: ACUTE: INHALATION/INGESTION: MAY CAUSE GIDDINESS,
DIZZINESS, SLURRED SPEECH, DISORIENTATION, POSSIBLE UNCONSCIOUSNESS. CHRONIC:
NONE SPECIFIED. KEEP IN AREA WHERE PRODUCT WILL NOT OVERHEAT. KEEP CONTA INER
CLOSED. PROVIDE ADEQUATE VENTILATION. IN CASE OF SPILL, VENTILATE AREA WELL
OR WEAR AN OXYGEN MASK AND SCOOP UP SPILL. WIPE UP BALANCE WITH RAGS. FIRST
AID: INHALATION: MOVE TO FRESH AIR. SUP

PORT BREATHING. IF ADVERSE SYMPTOMS

DEVELOP OR PERSIST, GET MEDICAL ATTENTION. INGESTION: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON . TARGET ORGANS: RESPIRATORY SYSTEM, CNS.

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