

L. B. ALLEN COMPANY INC -- E100 ALL SOL FLUX

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MSDS Safety Information  
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FSC: 3439  
NIIN: 00-964-5589  
MSDS Date: 04/01/1991  
MSDS Num: BFZMG  
Product ID: E100 ALL SOL FLUX  
MFN: 01  
Responsible Party  
Cage: EO560  
Name: L. B. ALLEN COMPANY INC  
Address: 725 NORTH CENTRAL AVENUE  
City: WOOD DALE IL 60  
191  
Info Phone Number: 708-595-2600  
Emergency Phone Number: 800-533-5053  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: EO560  
Name: L. B. ALLEN COMPANY, INC.  
Address: UNKNOWN  
City: UNKNOWN NK 00000  
Phone: UNKNOWN  
Cage: 70279  
Name: L.B. ALLEN CO INC  
Address: 725 N CENTRAL  
City: WOODALE IL 60191-1240  
Phone: 708-595-2600

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Item Description Information  
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Item Name: FLUX,SOLDERING  
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Ingredients  
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Cas: 7647-01-0  
RTECS #: MW4025000  
Name: HYDROCHLORIC ACID; (HCL) (HYDROGEN CHLORIDE) (SARA III)  
% Wt: 35  
OSHA PEL: 5 PPM, C  
ACGIH TLV: 5 PPM, C  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 12125-02-9  
RTECS #: BP4550000  
Name: AMMONIUM

CHLORIDE (SARA III)

% Wt: 3

Other REC Limits: 1 PPM (MFR)

OSHA PEL: 10MG/M3;20STEL(FUME)

ACGIH TLV: 10MG/M3;20STEL(FUME)

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 7646-85-7

RTECS #: ZH1400000

Name: ZINC CHLORIDE (SARA III) (LIMITS GIVEN FOR ZN CHLORIDE FUME)

% Wt: 31

OSHA PEL: 1 MG/M3/2 STEL

ACGIH TLV: 1 MG/M3/2STEL FUME93

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

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Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: BURNING OR BITING SENSATION ON SKIN, COUGHING, IRRITATION OF EYES OR THROAT.

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: SKIN/MUCOUS M

EMBRANE:FLUSH W/LARGE AMOUNTS OF WATER & PAT ON SODIUM BICARBONATE (BAKING SODA). INHAL:REMOVE TO ADEQUATE VENTILATION & CALL MD. EYES:FLUSH W/POTABLE WATER FOR AT LEAST 15 MINS. GET MEDIC AL ATTENTION (FP N). INGEST:GIVE A TEASPOON OF MILK OF MAGNESIA OR TAKE MILK OR WATER IN LARGE AMOUNTS & CALL MD.

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Handling and Disposal  
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Spill Release Procedures: FLUSH WITH LARGE A

MOUNTS OF H\*20 IF PRODUCT IS

SPILLED. AVOID BREATHING VAPORS OR CONTACT WITH SKIN.

Neutralizing Agent: SODA ASH OR LIMESTONE.

Waste Disposal Methods: NEUTRALIZE W/SODA ASH OR LIMESTONE & FLUSH W/ADEQUATE AMOUNTS OF WATER. DISPOSAL MUST BE IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS (FP N).

Handling And Storage Precautions: STORE IN PLASTIC LINED DRUMS OR GLASS BOTTLES. KEEP FROM EXCESSIVE HEAT IN WELL VENTILATED ROOM.

Other Precautions: AVOID CONTACT W/SKIN, EYES & CLOTHING. KEEP OUT OF CHILDREN'S REACH.

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Fire and Explosion Hazard Information  
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Flash Point Text: NONE

Extinguishing Media: FOAM OR BICARBONATE OF SODA, COPIOUS AMOUNTS OF WATER.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). FLOOD W/WATER. KEEP GOOD VENTILATION AT ALL TIMES.

Unusual Fire/Explosion Hazard: PRODUCT PRODUCES IRRITATING TOXIC FUMES & BURNS TO SKIN OR TISSUE.

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Control Measures  
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Respiratory Protection: NIOSH/MSHA ACID TYPE OR OXYGEN MASK.

Ventilation: MECHANICAL VENTILATION (GOOD FAN)RECOMMENDED.

Protective Gloves: RUBBER

Eye Protection: CHEM WORK GOG & FULL LNGTH FCSHLD (FP N)

Other Protective Equipment: RUBBER APRON OR JACKET & BOOTS.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppleme

ntal Safety and Health: NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties  
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B.P. Text: >228F,>109C

Spec Gravity: 0.908 (H\*2O=1)

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

Solubility in Water: SOLUBLE

Appearance and Odor: STRONGLY ACIDIC ODOR, GREENISH LIQUID.

Percent Volatiles by Volume: 52

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: OVERHEATING OR USE IN UNVENTILATED AREAS.  
Materials To Avoid: AVOID REACTION W/STRONG ALKALIES, CHLORINE TYPE BLEACHES OR OTHER HOUSEHOLD CHEMICALS.  
Hazardous Decomposition Products: PRODUCES STRONG ACIDS ON DECOMPOSITION.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NOT RELEVANT.

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Code: EO560  
Trans ID NO: 95127  
Product ID: E100 ALL SOL FLUX  
MSDS Prepared Date: 04/01/1991  
Review Date: 10/19/1984  
MFN: 1  
Multiple KIT Number: 0  
Review IND: Y  
Additional Data: NOT REGULATED FOR SHIPPING.

Detail DOT Information

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Detail IMO Information

IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

Detail IATA Information

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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information

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AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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HAZCOM Label

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Prod  
uct ID: E100 ALL SOL FLUX  
Cage: EO560  
Assigned IND: Y  
Company Name: L. B. ALLEN COMPANY, INC.  
Street: UNKNOWN  
City: UNKNOWN NK  
Zipcode: 00000  
Health Emergency Phone: 800-533-5053  
Label Required IND: Y  
Date Of Label Review: 01/19/1993  
Status Code: C  
Label Date: 01/19/1993  
Origination Code: G  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Severe  
Fire Hazard: None  
Reactivity Hazard: None  
Hazard And Precautions: AVOID ALKALIES, CHLORINE TYPE BLEACHES AND OTHER  
HOUSEHOLD CHEMICALS. ACUTE: BURNING OR BITING SENSATION ON SKIN, COUGHING,  
IRRITATION OF EYES OR THROAT. HARMFUL OR FATAL IF SWALLOWED. CAN CAUSE SEVE  
RE BURNS. VAPORS HARMFUL. CHRONIC: NONELISTED BY MANUFACTURER.  
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