

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

MSDS Safety Information

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 60191

Info Phone Number: 708-595-2600

Emergency Phone Number: 800-533-5053

Review Ind: Y

Published: Y

Contractor Summary

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

Item Description Information

Item Name: FLUX,SOLDERING

Ingredients

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

Cas: 12125-02-9

RTECS #: BP4550000

Name: AMMONIUM CHLORIDE (SARA III)

% Wt: 3

Other REC Limits: 1 PPM (MFR)

OSHA P

EL: 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 Symptions Of Overexposure: SEE HEALTH HAZARDS.  
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
First Aid: SKIN/MUCOUS MEMBRANE:FLUSH W/LARGE AMOUNTS OF WATER & PAT ON  
SODIUM BIC  
ARBONATE (BAKING SODA). INHAL:REMOVE TO ADEQUATE VENTILATION &  
CALL MD. EYES:FLUSH W/POTABLE WATER FOR AT LEST 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 AMOUNTS OF H\*2O IF PRODUCT IS  
SPILLED. AVOID BREATHING VAPORS O

R 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.  
Supplemental 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 I

ndicator: YES  
Stability Condition To Avoid: OVERHEATIG 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.

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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: 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.

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Detail DOT Information  
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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information  
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IATA PSN C

ode: 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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Product 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  
LD CHEMICALS. ACUTE: BURNING OR BITING SENSATION ON SKIN, COUGHING, IRRITATION OF EYES OR THROAT. HARMFUL OR FATAL IF SWALLOWED. CAN CAUSE SEVERE BURNS. VAPORS HARMFUL. CHRONIC: NONELISTED BY MANUFACTURER.

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