

L.B. ALLEN CORP. -- AMMONIUM CHLORIDE -- 6810-00-281-2033

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Product Identification  
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Product ID:AMMONIUM CHLORIDE

MSDS Date:04/01/1991

FSC:6810

NIIN:00-281-2033

MSDS Number: BDSQX

=== Responsible Party ===

Company Name:L.B. ALLEN CORP.

Address:725 N. CENTRAL AVE.

City:WOOD DALE

State:IL

ZIP:60191

Country:US

Info Phone Num:708-595-2600

Emergency Phone Num:708-595-2600

CAGE:IO742

=== Contrac

tor Identification ===

Company Name:L.B. ALLEN CO INC

Address:725 N CENTRAL

Box:City:WOODALE

State:IL

ZIP:60191-1240

Country:US

Phone:708-595-2600

CAGE:70279

Company Name:L.B. ALLEN CORP.

Address:725 N. CENTRAL AVE.

City:WOOD DALE

State:IL

ZIP:60191

Country:US

Phone:708-595-2600

CAGE:IO742

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM CHLORIDE (SARA III)

CAS:12125-02-9

RTECS #:BP4550000

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3/20 STEL

ACGIH

TLV:10 MG/M3 FUME; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT LD50 = 1650 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- DUST MAY BE IRRITATING TO EYES,  
NOSE, THROAT, LUNGS OR PROLONGED SKIN CONTACT. INGESTION MAY BE  
HARMFUL. CHRONIC- NOT KNOWN.

Effects of Overexposure:EYE, SKIN AND  
RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDER.

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

First Aid:CALL A PHYSICIAN.INHALATION:REMOVE TO FRESH  
AIR.EYES/SKIN:FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15  
MINUTES.INGESTION:CALL A DOCTOR.

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

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE NI

OSH APPROVED SELF-CONTAINED BREATHING

APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPORIZES FROM 363-640F TO GIVE AMMONIA  
AND HYDROCHLORIC ACID GAS.

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

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL  
PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE. FLUSH SMALL  
RESIDUE WITH WATER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY WELL

VENTILATED AREA.AVOID CONTACT WITH ALKALIES WHICH GENERATES AMMONIA  
GAS.

Other Precautions:HEAT WILL SUBLIME AMMONIUM CHLORIDE TO FORM AMMONIA  
AND HYDROCHLORIC ACID GASES.

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

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITION EXISTS.IF AIRBORNE CONCENTRATION IS HIGH, USE A NIOSH  
APPROVED RESPIRATOR OR DUST MASK.

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL EXHAUST VENTILATION TO  
KEEP DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:NATURAL RUBBER.

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT TO PREVENT  
ANY POSSIBILITY OF SKIN CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR  
SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:N1

Decomp Temp:Decomp Text:482F,250C

Spec Gravity:1.53

Solubility in Water:PARTIAL

Appearance and Odor:WHITE CRYSTALS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES

Stability Condition to Avoid:MOISTURE, HEAT, FLAME

Hazardous Decomposition Products:AMMONIA, HYDROGEN CHLORIDE

===== Disposal Considerations

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Waste Disposal Methods:DISSOLVE IN WATER AND FLUSH TO SEWER WITH PLENTY  
OF WATER IF IT IS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE  
& LOCAL ENVIRONMENTAL REGULATIONS.

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