

ELDORADO CHEMICAL CO. INC. -- ASTROMAT A -- 6850-01-162-2424

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===== Product Identification =====

Product ID:ASTROMAT A

MSDS Date:11/15/1988

FSC:6850

NIIN:01-162-2424

MSDS Number: BGPLQ

=== Responsible Party ===

Company Name:ELDORADO CHEMICAL CO. INC.

Address:14350 LOOKOUT ROAD

Box:34837

City:SAN ANTONIO

State:TX

ZIP:78265

Emergency Phone Num:512-653-2060

CAGE:55208

=== Contractor Identification ==

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Company Name:ELDORADO CHEMICAL COMPANY, INC.

Address:14350 LOOKOUT ROAD

Box:34837

City:SAN ANTONIO

State:TX

ZIP:78265-4837

Country:US

Phone:800-531-1088/ 210-653-2060

CAGE:55208

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===== Composition/Information on Ingredients =====

Ingred Name:AMMONIA (SARA III)

CAS:7664-41-7

RTECS #:BO0875000

Fraction by Wt: 1%

OSHA PEL:50 PPM

ACGIH TLV:25 PPM/35 STEL; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:2-BUTOXYETHANOL

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 5%

OSHA PEL:S, 50 PPM  
ACGIH TLV:S, 25 PPM; 9293

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MILD IRRITATION. PROLONGED SKIN  
CONTACT MAY CAUSE BURNS.  
Effects of Overexposure:INHALATION:DIZZINESS,NAUSEA;  
EYE/SKIN:IRRITATING.

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First Aid Measures  
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First Aid:INHALED:REMOVE TO FRESH  
AIR. GIVE CPR OR OXYGEN IF NEED  
(CAUTION:CPR MAY EXPOSE RESCUER)EYES/SKIN: FLUSH W.WATER 15 MIN.  
REMOVE CONTAMINATED CLOTHES.KEEP WARM/QUIET. GET MEDICAL ATTENTION

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Fire Fighting Measures  
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Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP  
Unusual Fire/Explosion Hazard:NONE NOTED BY MANUFACTURER.

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Accidental Release Measures  
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Spill  
Release Procedures:RINSE WITH WATER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW  
FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS  
CLOSED. MAINTAIN STANDARD HYGIENE FOR CHEM HANDLING  
Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respiratory Protection:NO SPECIAL REQMNTS UNDER ORDINARY  
CONDITIONS/ADEQUATE VENT.  
Ventilation:NO SPECIA

L REQUIREMENTS W ADEQUATE VENT.  
Protective Gloves:RUBBER  
Eye Protection:FULLFACE SHIELD  
Other Protective Equipment:RUBBER APRONS & BOOTS.  
Supplemental Safety and Health

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

HCC:N1  
Boiling Pt:B.P. Text:215F/102  
Vapor Pres:20  
Vapor Density:1  
Spec Gravity:1.0  
Evaporation Rate & Reference:1(WATER=1)  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR, THIN LIQUID-AMMONIA ODOR.  
Percent Volatiles by Volume:80

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

Stability Indicator/Materials to Avoid:YES  
AVOID OXIDIZERS, REACTIVE METALS  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products: $\text{NH}_3$ ,  $\text{CO}_2$ , CO:Hazardous Polymerization  
Indicator:NO

===== Disposal Considerations =====

Waste Disposal Methods:NOT A HAZARDOUS WASTE. FOLLOW FEDERAL, STATE & LOCAL REGULATIONS.

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