

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

=====  
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 ==

=

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

=====  
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

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

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.

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

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

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

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.

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

Spill  
Release Procedures:RINSE WITH WATER.

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

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

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

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.

Disclaimer (provided with this information by the compiling agencies):  
This information  
is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.