

LORAL CORP LORAL SYSTEMS GROUP ENGINEERED FABRICS -- AQUA AMMONIA 26 DEG --
1560-00-563-3585

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Product Identification
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Product ID:AQUA AMMONIA 26 DEG

MSDS Date:01/29/1990

FSC:1560

NIIN:00-563-3585

Kit Part:Y

MSDS Number: BMZFG

=== Responsible Party ===

Company Name:LORAL CORP LORAL SYSTEMS GROUP ENGINEERED FABRICS

Address:669 GOODYEAR STREET

Box:548

City:ROCKMART

State:GA

ZIP:30153

Count

ry:US

Emergency Phone Num:404-684-7855

CAGE:56221

=== Contractor Identification ===

Company Name:AERO HARDWARE AND PARTS CO INC

Address:130 BUSINESS PARK DRIVE

Box:City:ARMONK

State:NY

ZIP:10504

Country:US

Phone:914-273-8550

CAGE:4A766

Company Name:ENGINEERED FABRICS CORPORATION

Address:669 GOODYEAR STREET

Box:548

City:ROCKMART

State:GA

ZIP:30153

Country:US

Phone:706-684-7855

CAGE:56221

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Composition/Information on Ingredients
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Ingred Name:AMMONIUM HYDROXIDE (SARA II

l)
CAS:1336-21-6
RTECS #:BQ9625000
Fraction by Wt: 61%
Other REC Limits:NONE SPECIFIED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 40%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYE-SEVERE IRRITATION. LIQUID
CAN CAUSE SEVE
RE OR PERMANENT EYE DAMAGE. SKIN-SEVERE IRRITATION.
INHALE-LUNG IRRITATION. INGEST-IRRITATION AND BURNS TO THE STOMACH,
MOUTH, THROAT, ETC. CHRONIC: SKIN-CAN CAUSE BLISTERS AND BURNS.
INHALE-CAN RESULT IN PULMONARY EDEMA.
Explanation of Carcinogenicity:NONE OF THE CHEMICAL IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES-REDNESS, TEARING, BLURRED VISION. SKIN-
BLISTERS. INHALE-COUGH, DISCOMFORT, DIFFICULTY BREATHING, AND
SHORTN
ESS OF BREATH. THESE INITIAL SYMPTOMS MAY BE FOLLOWED IN
HOURS BY SEVERE SHORTNESS OF B REATH. INGEST-NAUSEA, VOMITING,
DIARRHEA, AND IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN-IMMEDIATELY FLUSH AREA WITH WATER FOR 15 MIN. SEE
DOCTOR. EYE-IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15
MIN. SEE DOCTOR. DO NOT USE CHEMICAL ANTIDOTE. INGEST-DO NOT INDUCE

VOMITING. DI LUTE BY GIVING WATER. GIVE MILK OF MAGNESIA. KEEP WARM, QUIET. SEE DOCTOR IMMEDIATELY. INHALE-REMOVE TO FRESH AIR. IF BREATHING IS HARD, GIVE OXYGEN. IF STOP BREATHING, GIVE CPR. KEEP WARM. SEE DOC.

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Fire Fighting Measures
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Lower Limits:16 %

Upper Limits:25 %

Extinguishing Media:USE WATER FOG

Fire Fighting Procedures:WEAR PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY RUPTURE OR EXPLODE DUE TO PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT.

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Accidental Release Measures
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Spill Release Procedures:ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD. FLUSH AREA WITH WATER.

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Handling and Storage
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Handling a

nd Storage Precautions:KEEP CONTAINER CLOSED, OUT OF SUN AND AWAY FROM HEAT. NEVER USE UNDER PRESSURE. EMPTY CONTAINER MAY CONTAIN HAZARDOUS PRODUCT RESIDUES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF WORKPLACE EXPOSURE LIMITS ARE EXCEEDED USE A NOISH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL CONTROLS. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/

MSHA RESPIRATORS (NEGA TIVE PRESSURE TYPE) UNDER SPECIFIC COND.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE, NITRILE RUBBER, BUTYL RUBBER.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:WEAR IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE. DISCARD CONTAMINATED SHOES.

Supplemental Safety and Health

N

ONE SPECIFIED BY MANUFACTURER.

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

HCC:F7

Boiling Pt:B.P. Text:80.0F,26.7C

Vapor Pres:755 MM HG

Vapor Density:0.6

Spec Gravity:0.897

pH:13.6

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NOT GIVEN

Appearance and Odor:CLEAR, COLORLESS LIQUID, PUNGENT ODOR HOMOGEANOUS SOLUTION

Percent Volatiles by Volume:100 %

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

Stability Indicator/Mate

rials to Avoid:YES

STRONG ACIDS, HYPOCHLORITES, STRONG ALKALIES, BRASS, SILVER, COPPER, ALKALI METALS, IRON, METALLIC MERCURY.

Stability Condition to Avoid:EXTREMELY HIGH TEMPERATURES

Hazardous Decomposition Products:MAY FORM TOXIC MATERIALS:, AMMONIA

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

Waste Disposal Methods:DISPOSE OF IN ACOORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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