

EXXENE CORPORATION -- EX-002 AMMONIATE ANTI-FOG -- 6850-01-399-3022

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

Product ID:EX-002 AMMONIATE ANTI-FOG

MSDS Date:08/15/1994

FSC:6850

NIIN:01-399-3022

MSDS Number: BWMMS

=== Responsible Party ===

Company Name:EXXENE CORPORATION

Address:5939 HOLLY ROAD

City:CORPUS CHRISTI

State:TX

ZIP:78414

Country:US

Info Phone Num:512-991-8391

Emergency Phone Num:512-991-8391

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AGE:NO301

=== Contractor Identification ===

Company Name:ADVANCED INDUSTRIES INC

Address:415 NORTHCUTT STREET

Box:5666

City:LONGVIEW

State:TX

ZIP:75608

Country:US

Phone:214-236-4101

CAGE:0GA21

Company Name:EXXENE CORP

Address:5939 HOLLY RD

Box:City:CORPUS CHRISTI

State:TX

ZIP:78412

Country:US

Phone:512-991-8391

CAGE:9T321

Company Name:EXXENE CORPORATION

Address:5939 HOLLY ROAD

Box:City:CORPUS CHRISTI

State:TX

ZIP:78414

Country:US

Phone:512-853-9943

CAGE:NO301

Company Name:MOODY PRECISION SUPPLY

INC
Box:UNKNOWN
CAGE:6T922

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

Ingred Name:UNDER "HAZARDOUS INGREDIENTS", MFR LISTED "NONE".
Other REC Limits:NONE RECOMMENDED

Ingred Name:AMMONIA (SARA 302/313) (CERCLA)
CAS:7664-41-7
RTECS #:BO0875000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM/35 STEL; 9596
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:L
D50 ORAL RATS: NOT GIVEN
Health Hazards Acute and Chronic:INHALATION OF VAPORS MAY CAUSE
ANESTHESIA, HEADACHE. SKIN CONTACT CAUSES IRRITATION. EYE CONTACT
CAUSES IRRITATION.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:ANESTHESIA, HEADACHE, SKIN IRRITATION, EYE
IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
FLUSH UNDER LIDS BY LIFTING THEM OR ROLLING EYES. SEE DOCTOR ASAP.
SKIN: FLUSH WITH WATER. REMOVE CLOTHING AND CONTINUE FLUSHING.
INHALATION : REMOVE TO FRESH AIR AND RESTORE BREATHING. GET MEDICAL
HELP. INGESTION: DO NOT INDUCE VOMITING. DILUTE. GET PHYSICIAN.

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

Flash Point:=19.4C

, 67.F
Lower Limits:2.52
Upper Limits:7.49
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICALS.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR A NIOSH/MSHA APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:PROCEDURES FOR LOW FLASH POINT.

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

Spill Release Procedures:AVOID SPARKS AND OPEN FLAMES. ABSORB WITH
INERT ABSORBANT AND COLLECT FOR DISPOSAL. USE NON-SPARKING TOOLS.
Neutralizing Agent:NONE S
PECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HANDLE AS A FLAMMABLE LIQUID.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:GENERAL DILUTION SHOULD BE SUFFICIENT.
Protective Gloves:RUBBER
Eye Protection:GOGGLES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
P
REVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F2
Boiling Pt:=60.C, 140.F
Vapor Pres:32.4
Spec Gravity:0.89
pH:5.8
Evaporation Rate & Reference:1.7-00 (N-BUTYL ACETATE=1
Solubility in Water:MISCIB

LE

Appearance and Odor:ALCOHOLIC

Percent Volatiles by Volume:76

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:EXTREME HEAT AND IGNITION SOURCES.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD
ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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