

ARCADIAN CORPORATION -- AQUA AMMONIA -- 6810-00-826-6121

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Product Identification  
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Product ID:AQUA AMMONIA  
MSDS Date:03/01/1985  
FSC:6810  
NIIN:00-826-6121  
MSDS Number: BJZDN  
=== Responsible Party ===  
Company Name:ARCADIAN CORPORATION  
Box:265  
City:PARSIPPANY  
State:NJ  
ZIP:07054  
Country:US  
Info Phone Num:504-642-2707  
Emergency Phone Num:504-642-2773  
Preparer's Name:DIRECTOR SAFTY.  
CAGE:JO608

=== Contractor Identification ===  
Company Name:ARCADIAN CORPORATION  
Address:6750 POPLAR SUITE 600  
Box:265  
City:MEMPHIS  
State:TN  
ZIP:38138-7419  
Country:US  
Phone:800-524-0132  
CAGE:JO608

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM HYDROXIDE (SARA III)  
CAS:1336-21-6  
RTECS #:BQ9625000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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Hazards Identification  
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utes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: HARMFUL IF SWALLOWED, INHALED,  
OR ABSORBED THROUGH SKIN. MATERIAL IS EXTREMELY DESTRUCTIVE TO  
TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES  
AND SKIN. INHALATION MAY BE FATAL AS A RESULT OF SPASM,  
INFLAMMATION AND EDEMA OF THE LARYNX AND BRONCHI,CORROSIVE BURNS  
AND MAY CAUSE BLINDNESS.

Effects of Overexposure:SE  
E HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET IMMEDIATE MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY  
OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET IMMEDIATE M  
EDICAL  
AT TENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND  
WATER. GET MEDICAL ATTENTION. INGESTION:DO NOT INDUCE VOMITING.  
GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL  
ATTENTION.

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

Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:1206F  
Lower Limits:16.0 VAPOR  
Upper Limits:25.0 VAPOR  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting  
Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.AMMONIA

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

Spill Release Procedures:COVER SPILL WITH SOLID NEUTRALIZER OR  
ABSORBER. PUT NEUTRALIZED MATERIAL IN LINED DISPOSAL CONTAINER.

FLUSH RESIDUE WITH WATER.  
Neutralizing Agent: BORIC ACID, DILUTE ACETIC ACID.

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Handling and Storage  
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Handling and Storage Precautions: STORE IN A COOL, DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NONE REQUIRED. ALWAYS USE NIOSH/MSHA APPROVED RESPIRATORS WHEN REQUIRED.

Ventilation: NONE REQUIRED.

Protective Gloves: NATURAL RUBBER

Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supple

mental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES.

THIS MSDS APPLIES TO MATERIAL IN SOLUTION. SOLID MATERIAL IS AN INHALATION HAZARD IN THE FORM OF DUST AND REQUIRES MECHANICAL VENTILATION AND USE OF NIOSH/MSHA APPROVED RESPIRATOR.

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Physical/Chemical Properties  
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HCC: B1

Boiling Pt: B.P. Text: 80.6F, 27.0C

Melt/Freeze Pt: M.P/F.P Text: -112F, -80C

Vapor Pres: 8.1 PSIG

Vapor Density: 0.596

Spec Gravity: 0.88

pH: 1

1.6

Evaporation Rate & Reference: