

SAVOLITE INC -- AQUA AMMONIA -- 6810-00-826-6121

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Product Identification  
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Product ID:AQUA AMMONIA  
MSDS Date:09/01/1991  
FSC:6810  
NIIN:00-826-6121  
MSDS Number: BTHVM  
=== Responsible Party ===  
Company Name:SAVOLITE INC  
Address:10848 E. MARGINAL WAY SO.  
City:SEATTLE  
State:WA  
ZIP:98168-1932  
Country:US  
Info Phone Num:206-763-1340  
Emergency Phone Num:206-763-1340  
Preparer's Name:SCOTT AGER  
CAG  
E:0TZ07  
=== Contractor Identification ===  
Company Name:SAVOLITE INC  
Address:10848 E MARGINAL WAY S  
Box:City:SEATTLE  
State:WA  
ZIP:98168  
Country:US  
Phone:206-763-1340  
CAGE:0TZ07

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Composition/Information on Ingredients  
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Ingred Name:AMMONIA (SARA III) (AQUEOUS SOLUTION)  
CAS:7664-41-7  
RTECS #:BO0875000  
Fraction by Wt: 30%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:50 PPM  
ACGIH TLV:25 PPM/35 STEL; 9394  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: IRRITANT TO SKIN, EYES, MUCOUS  
MEMBRANES. CHRONIC: CORNEAL DAMAGE, PULMONARY EDEMA.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:RESPIRATORY IRRITATION, BURNING SENSATION IN  
EYES AND THROAT. COUGHING, WHEEZING, DEPRESSED BREATHING.  
Medical Cond Aggravated by Exposure:PULMONARY, SKIN OR EYE PROBLEMS MAY  
BE AGGRAVATED BY EXPOSURE.

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

First Aid:INHALATION-REMOVE FROM EXPOSURE TO FRESH AIR. GIVE OXYGEN.  
CALL PHYSICIAN. EYES-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15  
MINUTES. SEEK MEDICAL HELP. SKIN-WASH OFF IMMEDIATELY WITH WATER.  
DILUTE V INEGAR MAY HELP. SEEK MEDICAL ATTENTION.  
INGESTION-UNLIKELY TO OCCUR. GIVE LARGE AMOUNTS OF WATER. DO NOT  
INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE  
Lower Limits:16%  
Upper Limits:27%  
Extinguishing Media:WATER, FOAM, DRY, CARBON DIOXIDE.  
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS AND FULL  
PROTECTIVE GEAR REQUIRED.  
Unusual Fire/Explosion Hazard:EXCESSIVE HEAT UNDER FIRE CONDITIONS MAY  
GENERATE NITROGEN OXIDES IN ADDITION TO AMMONIA FUMES.

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

Spill Release Procedures:DILTE WITH WATER AND FLUSH TO LOCAL SEWAGE  
TREATMENT FACILITY. SPILLS GREATER THAN 100 POUNDS MUST BE  
REPORTED.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL AREA, TIGHTLY SEALED. DO  
NOT STORE NEAR OR ALLOW CONTACT WITH ITEMS LISTED IN

REACTIVITY  
SECTION.

Other Precautions:AMMONIA VAPOR RESPIRATORS RECOMMENDED WHEN WORKING WITH OPENED CONTAINERS OF PRODUCT.

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

Respiratory Protection:APPROVED AMMONIA VAPOR RESPIRATOR.  
Ventilation:LOCAL EXHAUST ESSENTIAL.  
Protective Gloves:RUBBER, VINYL, NEOPRENE.  
Eye Protection:GOGGLES OR FACE SHIELD.  
Other Protective Equipment:CHEMICAL RESISTANT APRON AND BOOTS.  
Work Hygienic Practices:AVOID CONTACT WITH LIQUID OR VAPO  
R.  
Supplemental Safety and Health  
NONE.

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

HCC:B3  
Boiling Pt:B.P. Text:180F,82C  
Vapor Density:0.597  
Spec Gravity:0.897  
Solubility in Water:COMPLETE  
Appearance and Odor:WATER WHITE LIQUID, AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid:YES  
CONTACT WITH COPPER, ALUMINUM, GALVANIZED METALS, OXIDIZERS, CHLORINE  
AND BROMINE.  
Stability Condition to Avoid:H  
IGH HEAT.  
Hazardous Decomposition Products:OXIDES OF NITROGEN.

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

Waste Disposal Methods:SPILLS OF 100 POUNDS OR MORE MUST BE ABSORBED,  
CONTAINED AND DISPOSED OF ACCORDING TO LOCAL E.P.A. REGULATIONS.

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