Material Safety Data Sheet

I. Chemical Identification

NAME: Reliance Ammonia  
DESCRIPTION: Inorganic Nitrogen Compound and Water

Other Designations: Aqua Ammonia

Manufacturer: So-White Chemical Co., Inc.
1075 Plover Road
Plover, WI 54467

Emergency Procedure: Call your local poison control center or for Transportation Emergencies CHEMTREC: 800 - 424 - 9300

II. Health Hazard Data

SYMPTOMS OF ACUTE OVEREXPOSURE:
Ammonia is a severe irritant of the eyes, respiratory tract and skin. It may cause burning and tearing of the eyes, runny nose, coughing and chest pain. Exposure of the eyes to high concentrations may produce temporary blindness (cataracts and glaucoma) and severe eye damage. Exposure of the skin may cause burning and blistering of the skin.

FIRST AID:
External: Flood with water, then wash with vinegar.
Internal: Drink large quantities of milk or water. Do not induce vomiting. Call physician immediately.
Eyes: Wash repeatedly (10 to 15 minutes) with warm water. Call physician immediately.
Inhalation: If effects occur, remove victim to fresh air. Call Physician.

III. Hazardous Ingredients

Ammonia - CAS # 7664 - 41 - 7
OSHA PEL Limit - 35 ppm * STEL
Note: * Exposure limits Ammonia Gas given.

IV. Special Protection and Precaution

Keep Out of Reach of Children.
Avoid contact with eyes or clothing or prolonged contact with skin.
Do not mix with bleach or toilet bowl cleaners.
Do not use on aluminum.
Use with adequate ventilation.

V. Transportation and Regulatory Data

DOT Proper Shipping Name: Not Regulated
DOT Hazard Class (if applicable): Not Applicable
DOT Emergency Response Guide No 60

VI. Spill or Leak Procedures

SPILLS:
Dilute with copious amounts of water, ventilate area (open doors, windows, ventilation fans, etc.)

WASTE DISPOSAL:
Unless prohibited by state, local or Federal regulations waste may be disposed of by diluting with large quantities of water and washing into sewers.

VII. Reactivity Data

Hazardous Polymerizations: Does not occur.
Stability: Stable
This material reacts with alkali metal, copper, bleaches and toilet bowl cleaners.
Avoid contact with nonferrous Metals.
Other Conditions to avoid: Heat

VIII. Fire and Explosion Data

Flash Point: Non - flammable
Extinguishing Agents: Water fog to control vapors.

IX. Physical Data

Specific Gravity: (H2O = 1) - 0.975
Solubility in water: - 100 %  
PH: 11.8
Appearance and Odor: Clear or slightly opaque with ammonia odor.