Ammonia (Liquid & Gas)

FORMS: Gas (anhydrous) and liquid (aqueous solutions, variable concentrations).

ROUTES OF EXPOSURE: Skin and eye, inhalation, ingestion.

SIGNS AND SYMPTOMS:

CNS: Stupor, lethargy and coma. Seizures may be present.

Eye: Chemical conjunctivitis with vapors, necrosis and blindness with liquids and anhydrous gas exposures.

Cardiovascular: Ventricular arrhythmias and hypotension.

Respiratory: Acute pulmonary edema, bronchospasm, stridor, cough, dyspnea and chest pain. Respiratory tract irritation with possible laryngeal edema.

Gastrointestinal: G.I. bleeding due to liquefaction necrosis of the G.I. tract.

Other: Respiratory damage can be severe with potential fatal results. Respiratory symptoms may be delayed.

Pre-Medical Control

PARAMEDIC

1. Follow General HAZMAT Treatment Protocol.
2. If the patient is unconscious, follow the Altered Mental Status protocol and the Emergency Airway Procedure. Aggressive airway management may be indicated.
3. If the patient is wheezing, administer Albuterol 2.5 mg/3 ml NS nebulized. Repeat as needed.
4. Follow HAZMAT Eye Irrigation protocol.