MATERIAL SAFETY DATA SHEET (MSDS)

SILVER CHLORIDE BATTERY

SECTION 1: IDENTIFICATION

Information Furnished By........... Explosives Instrumentation Technologies (E.I.T.), Corporation
Address...................................... PO Box 744 - Sunbury, PA 17801
Date Effective............................. January 22, 1996
Chemical Solution....................... Silver Chloride Battery Electrolyte Solution
Emergency Phone #..................... 1-800-235-0264

SECTION 2: FIRE AND EXPLOSION HAZARD DATA

Flash Point.....Battery solution is not flammable
Unusual Fire & Explosion Hazards.....Battery solution may decompose at temperatures above 150°F and can potentially form toxic and corrosive ammonia/hydrogen chloride vapors.
Precautions/Procedures.....Avoid heating battery cell above 75°F.
                          Recommended Storage Conditions.....Dry, cool (50°F - 70°F) environment out of direct sunlight.
                          Fire Extinguishing Agents Recommended.....Dry chemical, carbon dioxide, water spray or foam.
                          Fire Extinguishing Agents to Avoid.....None.

SECTION 3: REACTIVITY DATA

Stability.....Stable.
Conditions to Avoid.....Battery cell is unstable above 150°F.
                          Battery solution may decompose to form toxic and corrosive ammonia/hydrogen chloride vapors.
Incompatibility/Materials to Avoid in Case of Leak.....Alkalies - Ammonia may be released.
                          Acids - Hydrogen Chloride may be released.

SECTION 4: SPILL, LEAK, AND DISPOSAL PROCEDURES

Avoid direct contact with skin, eyes or clothing.
Collect and contain leaky battery in empty container with a cover for disposal.
Wipe up battery solution with warm water.
Call 1-800-235-0264 and explain any unusual conditions causing battery leakage.

SECTION 5: HEALTH HAZARD DATA

Inhalation of Battery Solution Vapors.....Prolonged exposure to vapors may irritate nasal membranes, and upper respiratory tract.
Ingestion of Battery Solution.....May cause irritation and burning of mouth, throat and stomach.
Skin.....Corrosive to the skin, may cause irritation, especially under prolonged contact.
Eyes.....Corrosive to the eyes, may irritate or burn.
SECTION 6: FIRST AID PROCEDURES AND PHYSICIAN NOTES

Inhalation.....Move to area of fresh ventilation.  
Ingestion.....If victim is conscious, immediately give copious amounts of clean water and induce vomiting by touching finger to back of throat. Do not give carbonates. Get medical attention immediately.  
Skin.....If skin irritation exists, wash with soap and water for 15 minutes.  
Eyes.....Flush eyes thoroughly with clean water for at least 15 minutes.

SECTION 7: SPECIAL HANDLING INFORMATION

Avoid battery solution contact with eyes, skin and clothing.  
Storage.....Keep battery in dry, cool place out of direct sunlight.  
Spill or Leak.....Collect and contain for disposal. Wipe up battery solution with warm water.  
Personal Hygiene.....Wash thoroughly with warm, soapy water after handling leaky battery and before eating or smoking.

SECTION 8: SPECIAL PRECAUTIONS AND ADDITIONAL INFORMATION

Keep battery cell out of direct sunlight and away from excessive heat.  
Store in dry, cool environment above 50°F but not exceeding 70°F.  
Overexposure to sunlight and excessive heat will cause rupture in battery seal.  
Avoid excessive force on walls of battery cell.