

## CG6000      AMMONIUM CHLORIDE

**Danger: Acute toxic | Burns eyes & skin | Harmful if swallowed**

**FOR INDUSTRIAL USE ONLY | KEEP AWAY FROM CHILDREN**

**PRODUCT USE** Used as flux in preparing metals, cleaning tip of soldering iron, Expectorant in cough medicine, systemic acidifying agent, food additive, quench reaction, use to produce low temperatures in cooling baths. Other uses include hair shampoo, in glue, textile and leather industry.

**SYNONYMS** Ammonium Chloratum, Ammonium Chloridum, Ammonium Muriate, Sal ammoniac, Salmiac, Salmiak.

**APPEARANCE** White solid hygroscopic, odorless. Soluble in water, liquid ammonia, hydrazine, methanol, glycerol. Highly reactive: with sodium hydroxide evolves ammonia gas. Reacts with silver compound to form shock – sensitive explosive compounds.

**PROCEDURE FOR HANDLING:** Wear personal protective equipment. When handling, DO NOT eat, drink or smoke. Avoid all personal contact, including inhalation. Avoid dust formation. Use in a well-ventilated area. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Clean contaminated clothing. Keep container tightly closed in cool, dry area. Avoid contact with incompatible materials.

**RECOMMENDED STORAGE METHODS:** Keep container tightly closed. Strong oxidizing agents. Store in a cool area. Store in a dry area. Keep container in a well-ventilated place. Keep out of direct sunlight. Avoid contact with carbon steel, copper.

**STORAGE REQUIREMENTS:** Store in a cool, dry, well-ventilated area. Store away from incompatible materials like silver nitrate and strong oxidizers. Keep container tightly closed. Keep substance away from heat sources, oxidizing agent, halogens. Protect containers against physical damage.

#### **PRECAUTIONS**

- Do not get in eyes, on skin, or on clothing.
- Do not inhale vapor.
- Keep container tightly closed when not in use.
- Do not take internally.
- Wash hands thoroughly after handling.
- Use of goggles, rubber gloves & apron, other personal protective equipments.
- Keep away from silver nitrate and strong oxidizers.

#### **FIRST AID**

- In cases of eye contact: Immediately flush eyes with water & call a physician. Remove contact lenses.
- If swallowed: Rinse mouth with water. Immediately make victim drink water and consult physician.
- If inhaled: Remove person to fresh air. Respiratory problems consult physician.
- If on skin: Rinse skin with water or shower. Do not apply (chemical) neutralizing agents without medical advice. Immediately call a Poison center or physician.

#### **HANDLING AND STORAGE**

- Store in cool, dry place, store in tightly closed container.
- In case of Spill: cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up dry. Dispose of properly. Clean up affected area. Avoid generating dust conditions. Provide ventilation.

In Case of emergency contact ChemTrac 1-800-424-9300 or our customer care 908-992-5004. Email us for any inquiries to [care@dawnsci.com](mailto:care@dawnsci.com) or write to us at 121, Liberty Street, Metuchen, NJ 08840

**NOTE :** This product is for Educational, Research, Industrial and Laboratory use only , NOT intended for Diagnostic or Therapeutic use.