



LABORATORY CHEMICALS AND CONSUMABLES  
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# MATERIAL SAFETY DATA SHEET

## AMMONIUM ACETATE

### 1. Chemical Product and Company information.

**Product name:** Ammonium Acetate

**Contact Information:**

Radchem cc  
PO Box 166982  
Brackendowns  
Alberton 1454  
Telephone : **011 867 3726 / 2864**

**Emergency Telephone Numbers:**

### 2. Hazard Identification

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

### 3. Composition / information on ingredients

**CAS #:** 631-61-8

**Synonym:** None

**Chemical Name:** Not applicable.

**Chemical Formula:**  $\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$

### 4. First Aid Measures

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

**Eye Contact:** Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.



**Skin Contact:** Wash exposed area with soap and water. If irritation persists, seek medical attention.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

**Ingestion:** If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

**Serious Ingestion:** Not available.

### **5. Fire-fighting measures**

**Fire Extinguisher Type:** Any means suitable for extinguishing surrounding fire

**Flammability of the Product:** As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Explosion Hazards in Presence of Various Substances:** As Above

**Fire Fighting Media and Instructions:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**Special Remarks on Fire Hazards:** Not available.

### **6. Accidental release measures**

Remove all ignition sources. Ventilate area of leak or spill. May require protection from inhalation of dust. Clean up in a manner that does not disperse dust into air.

### **7. Handling and storage**

**Precautions:** Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

### **8. Exposure controls/personal protection**

Use safe laboratory handling procedures.

### **9. Physical and chemical properties**

**Physical state and appearance:** White crystals.

**Odour:** No odour

**Taste:** Not Available

**Colour:** White

**Boiling Point:** Not available

**Melting Point:** 114° C

**Critical Temperature:** Not available.

**Specific Gravity:** 1.07

**Odour Threshold:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available.

**Solubility:** Not available.



**Vapour Density:** Not available

**Volatility:** Not available.

### **10. Stability and reactivity**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** None known

**Incompatibility with various substances:** None known

**Corrosivity:** Not Available

**Special Remarks on Reactivity:** None known

**Special Remarks on Corrosivity:** None known

**Polymerization:** Will Not Occur

### **11. Toxicological information**

Conditions aggravated/Target organs: None known. Acute: Irritation and pain to skin, eyes, lungs, mucous membranes, and GI tract. Nausea, coughing, eye damage. Chronic: None known.

### **12. Transport information**

**DOT Classification:** Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

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