



LABORATORY CHEMICALS AND CONSUMABLES

# MATERIAL SAFETY DATA SHEET

## AMMONIUM THIOCYANATE 0.1 N

### 1. Chemical Product and Company information

**Product name:** Ammonium Thiocyanate, 0.1N

**Contact Information:**

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

### 2. Hazard Identification

Slightly hazardous in case of skin contact (irritant), of eye contact (irritant). Non-corrosive for skin.

### 3. Composition / information on ingredients

**CAS #:** 6009-70-7

**Synonym:**

**Chemical Name:** Not available

**Chemical Formula:** Not applicable

### 4. First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

**Serious Skin Contact:** Not available

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not available

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by



mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available.

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

**Flammability of the Product:** Non-flammable

**Fire Hazards in Presence of Various Substances:** Not available

**Explosion Hazards in Presence of Various Substances:** Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:** Not applicable

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

**Special Remarks on Explosion Hazards:** Not available

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

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

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

**Precautions:** No specific safety phrase has been found applicable for this product.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

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

**Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value.

**Personal Protection:** Safety glasses. Lab coat.

**Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product..

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

**Physical state and appearance:** Liquid

**Odour:** Not available

**Taste:** Not available

**Colour:** Not available

**Boiling Point:** The lowest known value is 100°C (Water)

**Odour Threshold:** Not available

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

**Dispersion Properties:** See solubility in water

**Solubility:** Easily soluble in cold water



<p><b>Melting Point:</b> Not available</p> <p><b>Critical Temperature:</b> Not available</p> <p><b>Specific Gravity:</b> The only known value is 1 (Water = 1) (Water)</p>	<p><b>Vapour Density:</b> The highest known value is 0.62 (Air = 1) (Water)</p> <p><b>Volatility:</b> Not available</p>
<p><b><u>10. Stability and reactivity</u></b></p> <p><b>Stability:</b> The product is stable</p> <p><b>Instability Temperature:</b> Not available.</p> <p><b>Conditions of Instability:</b> Not available</p> <p><b>Incompatibility with various substances:</b> Not available</p> <p><b>Corrosivity:</b> Non-corrosive in presence of glass</p> <p><b>Special Remarks on Reactivity:</b> Not available</p> <p><b>Special Remarks on Corrosivity:</b> Not available</p> <p><b>Polymerization:</b> Will not occur.</p>	
<p><b><u>11. Toxicological information</u></b></p> <p><b>Routes of Entry:</b> Not available</p> <p><b>Toxicity to Animals:</b> LD50: Not available. LC50: Not available</p> <p><b>Chronic Effects on Humans:</b> Not available</p> <p><b>Other Toxic Effects on Humans:</b> Slightly hazardous in case of skin contact (irritant)</p> <p><b>Special Remarks on Toxicity to Animals:</b> Not available</p> <p><b>Special Remarks on Chronic Effects on Humans:</b> Not available</p> <p><b>Special Remarks on other Toxic Effects on Humans:</b> Not available</p>	
<p><b><u>12. Ecological information</u></b></p> <p><b>Ecotoxicity:</b> Not available</p> <p><b>BOD5 and COD:</b> Not available</p> <p><b>Products of Biodegradation:</b> Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.</p> <p><b>Toxicity of the Products of Biodegradation:</b> The products of degradation are less toxic.</p> <p><b>Special Remarks on the Products of Biodegradation:</b> Not available</p>	

### **13. Disposal considerations**

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### **14. Transport information**

**DOT Classification:** Not a DOT controlled material

**Identification:** : Not available

**Special Provisions for Transport:** Not available

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