



### **Manufacturers Identification**

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### **Material Identification And Information**

**Components:** CNPG3, Thiocyanate, Sodium Chloride, Calcium Acetate, Sodium Azide

### **Physical /Chemical Characteristics**

Ph  $\leq$  6-7  
Boiling Point: N/A  
Specific Gravity: N/A  
Appearance and Odor: White powder, soluble in water

### **Fire And Explosion Hazard Data**

Extinguishing Media: Water spray, CO2, chemical foam  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: No unusual fire hazard. Not considered to be an explosion hazard.

### **Reactivity Hazard Data**

Stability: Stable  
Incompatibility (Materials to Avoid): Oxidizers  
Hazardous Decomposition Products: N/A  
Conditions to Avoid: Excessive heat may damage material.  
Hazardous polymerization will not occur.  
Additional Information: Azide reacts with many heavy metals such as lead, copper and mercury.  
**Finished product:** Contains sodium azide as preservative. Sodium azide may react with copper or lead plumbing to form explosive azides. Upon disposal flush with large amounts of water.

### **Health Hazard Data**

Effects of Overexposure: May cause irritation if inhaled, ingested or absorbed into skin.  
First Aid Procedures: In case of contact with skin or eyes, remove contaminated clothing and shoes. Wash affected area with copious amounts of water. Assure adequate flushing of eyes by separating eyelids with fingers. Call a physician. If inhaled, remove to fresh air. If ingested call a physician.  
Emergency First Aid Procedures: Seek medical assistance for further treatment, observation and support if necessary.

### **Control And Protective Measures**

Eye Protection: protective glasses  
Protective Gloves: rubber or latex  
Ventilation to be Used: local exhaust  
Other Protective Clothing and Equipment: lab coat, dust mask

### **Precautions For Safe Handling And Use/Spill/Leak Procedures**

If Material is Spilled or Released: Sweep up and discard in approved manner, wash area down with water.  
Waste Disposal Methods: Dispose waste according to local, state and federal regulation.  
Precautions for Handling and Storage: Store at 2 - 8°C

*The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Catachem shall not be held liable for any damage resulting from handling or from contact with the above product. For technical assistance please call: 203-335-9277.*