



### **Manufacturers Identification**

CATACHEM, INC.  
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### **Material Identification And Information**

Components: Sodium aspartate, microbial enzymes, coenzyme

### **Physical /Chemical Characteristics**

Ph: 7-9  
Boiling Point: N/A  
Specific Gravity: N/A  
Appearance and Odor: Clear, Colorless Liquid

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

Extinguishing Media: water spray, CO<sub>2</sub>, foam  
Special Fire Fighting Procedures: Not considered to be flammable  
Unusual Fire and Explosion Hazards: Not considered to be an explosion hazard. Hazardous polymerization will not occur.

### **Reactivity Hazard Data**

Stability: Stable  
Incompatibility (Materials to Avoid): Avoid strong oxidants, material consists of organic component, may ignite.  
Hazardous Decomposition Products: CO<sub>2</sub>, CO, NO<sub>2</sub>  
Hazardous polymerization will not occur.  
**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. Toxic by oral ingestion, induce vomiting. 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 and mask

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

If Material is Spilled or Released: Flush to sewer if allowed, or collect and dispose in approved land fill.  
Waste Disposal Methods: Dispose waste according to local, state and federal regulation.  
Precautions for Handling and Storage: Store at 2 - 8°C

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*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.*



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### **Material Identification And Information**

**Components:** Buffer salts, cofactor and sodium azide.

### **Physical /Chemical Characteristics**

**pH:** 3-6

**Boiling Point:** N/A

**Specific Gravity:** 1.0-1.2

**Appearance and Odor:** Clear liquid, , solubility in water infinite.

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

**Extinguishing Media:** Use extinguishing media appropriate to surrounding fire conditions.

**Special Fire Fighting Procedures:** Wear protective clothing to prevent contact with skin and eyes. Wear full protective breathing apparatus.

**Unusual Fire and Explosion Hazards:** Not considered to be an explosion hazard. Hazardous polymerization will not occur.

### **Reactivity Hazard Data**

**Stability:** Stable

**Incompatibility (Materials to Avoid):** Avoid strong oxidants, material consisting of organic components. May ignite.

**Hazardous Decomposition Products:** Burning may produce carbon dioxide, carbon monoxide or/and nitrogen oxides.

**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 headache, drowsiness, vomiting, skin and eye irritation.

**First Aid Procedures:** In case of contact with skin or eyes, remove contaminated clothing and shoes. Wash affected area with copious amounts of water for at least 15 minutes. Assure adequate flushing of eyes by separating eyelids with fingers. May cause blindness. Call a physician immediately. If inhaled, remove to fresh air. If ingested, drink water and induce vomiting. Call a physician immediately.

**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:** Use self-contained breathing apparatus, lab coat.

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

**If Material is Spilled or Released:** Ventilate area. Contain and remove liquid when possible.

**Waste Disposal Methods:** Do not flush to sewer. Dispose of waste according to local, state, and federal regulation.

**Precautions for Handling and Storage:** Store in a dry place at 2-8°C. Wash well after handling.

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