



Manufacturers Identification

CATACHEM, INC.
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Fax: (203) 335-9977
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Material Identification And Information

Components: Buffer salts, L-alanine, microbial enzymes, alphaketoglutarate

Physical /Chemical Characteristics

Ph: 7-9
Boiling Point: N/A
Specific Gravity: N/A
Appearance and Odor: White odorless liquid, soluble in water

Fire And Explosion Hazard Data

Extinguishing Media: water spray, CO₂, 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: CO₂, CO, NO₂
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

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.

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.