



Manufacturers Identification

CATACHEM, INC.
955 Connecticut Avenue, Suite 4106
Bridgeport, Connecticut, 06607 USA
Ph: (203) 335-9277
Fax: (203) 335-9977
Email: catachem@catacheminc.com

Material Identification And Information

Components: Diluted Hydrochloric acid

Physical /Chemical Characteristics

ph: ≤ 2.0
Boiling Point: N/A
Specific Gravity: 1.0
Appearance and Odor: Clear colorless liquid.
Solubility: Soluble in water.

Fire And Explosion Hazard Data

Extinguishing Media: Water spray, CO₂, foam.
Special Fire Fighting Procedures: Wear protective clothing, goggles, and mask to prevent contact.
Unusual Fire and Explosion Hazards: Not considered to be an explosion hazard.

Reactivity Hazard Data

Stability: Stable
Incompatibility (Materials to Avoid): Sulfidic, cyanide, Formaldehyde.
Hazardous Decomposition Products: May emit hydrogen chloride fumes
Hazardous polymerization: Will not occur

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 do not induce vomiting. Drink large quantity of water or milk and 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, mask

Precautions For Safe Handling And Use/Spill/Leak Procedures

If Material is Spilled or Released: Waste should be absorbed and placed in suitable container for disposal.
Waste Disposal Methods: Do not flush to sewer. Dispose of according to local, state and federal regulation.
Precautions for Handling and Storage: Store at room temperature.

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: Sodium Nitrite

Physical /Chemical Characteristics

ph: 6-8
Boiling Point: N/A
Specific Gravity: 1.0
Appearance and Odor: Clear colorless liquid.
Solubility: Soluble in water.

Fire And Explosion Hazard Data

Extinguishing Media: Water spray, CO₂, foam.
Special Fire Fighting Procedures: Wear protective clothing, goggles, and mask to prevent contact.
Unusual Fire and Explosion Hazards: Not considered to be an explosion hazard.

Reactivity Hazard Data

Stability: Stable
Incompatibility (Materials to Avoid): Avoid reducing agents..
Hazardous Decomposition Products: CO₂, CO, and NO₂
Hazardous polymerization: Will not occur

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 do not induce vomiting. Drink large quantity of water or milk and call a physician.
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Control And Protective Measures

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Material Identification And Information

Components: Sulfanilic acid, Hydrochloric acid.

Physical /Chemical Characteristics

ph: ≤ 2.0
Boiling Point: N/A
Specific Gravity: 1.0
Appearance and Odor: Clear colorless liquid. Develops light color with time.
Solubility: Soluble in water.

Fire And Explosion Hazard Data

Extinguishing Media: Water spray, CO₂, foam.
Special Fire Fighting Procedures: Wear protective clothing, goggles, and mask to prevent contact.
Unusual Fire and Explosion Hazards: Not considered to be an explosion hazard.

Reactivity Hazard Data

Stability: Stable
Incompatibility (Materials to Avoid): Sulfidic, cyanide, Formaldehyde.
Hazardous Decomposition Products: CO, CO₂, NO₂, May emit hydrogen chloride fumes
Hazardous polymerization: Will not occur

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 do not induce vomiting. Drink large quantity of water or milk and call a physician.
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