

MATERIAL IDENTIFICATION AND INFORMATION

Components: Water, Buffer salts, Chromogen, and Surfactant.

PHYSICAL CHEMICAL CHARACTERISTICS

Ph: $\geq 10 - 11$

Boiling Point: N/A

Specific Gravity: = 1-1.1

Appearance and Odor: Yellow, clear liquid.

Solubility: Very soluble in water

FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: Water

Special Fire Fighting Procedure: Any means suitable for extinguishing fire.

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

REACTIVITY HAZARD DATA

Stability: Stable

Incompatibility (Materials to Avoid): Avoid contact with metals, and acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Nitrogen oxides: Toxic fumes of CO and CO₂

Additional Information: Azide reacts with many heavy metals such as lead, copper and mercury.

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 and 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. 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, and 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 nor purport to be all-inclusive and shall be used only as 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