

SECTION 1. Identification

Product name: Turbidity standard solutions 0.02, 10, 200, 500, 1000 NTU
 Product use: Calibration of the turbidity meter
 Supplier: Bante Instruments
 Address: F3, Building 2, No.2185, Laifang Rd., Shanghai, China
 Tel: +86 21 6404 1598
 E-mail: banteinstrument@hotmail.com
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SECTION 2. Hazards Identification

Formazin suspensions can contain residual Hydrazine Sulfate, which is a carcinogen. May affect kidneys and liver. Wash areas of contact with plenty of water.

SECTION 3. Composition / Information on Ingredients

Component	CAS Number	%
Water	7732-18-5	99.5
Hexamethylenetetramine	10034-93-2	0.3
Hydrazine Sulfate	7558-79-4	0.2

SECTION 4. First Aid Measures

Eye contact: Rinse immediately with plenty of water for at least 15 minutes. Obtain medical attention if pain or redness persist.
 Skin contact: Rinse immediately with plenty of water for at least 15 minutes.
 Inhalation: Remove to fresh air. Obtain medical attention immediately if breathing difficulty.
 Ingestion: Wash out mouth with plenty of water. Obtain medical attention immediately if feeling unwell.

SECTION 5. Firefighting Measures

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
 Special hazards arising from the substance or mixture: None.
 Fire hazard: Not flammable.
 Explosion hazard: Product is not explosive.
 Reactivity: Hazardous reactions will not occur under normal conditions.
 Advice for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6. Accidental Release Measures

Personal precautions: Wear protective gloves.
 Environmental precautions: Prevent entry to public waters.

SECTION 7. Handling and Storage

Handling: Avoid contact with eyes. Wash hands and all exposed areas with soap and water before eating and drinking.
 Storage: Keep out of reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8. Exposure Controls / Personal Protection

Control parameters: Not applicable.
 Exposure controls: General industrial hygiene practice.
 Hand protection: Gloves.
 Eye protection: Avoid contact with eyes.
 Respiratory protection: Not required in normal conditions.

SECTION 9. Physical and Chemical Properties

Physical state: Liquid	Boiling point: No data available	Relative density: No data available
Appearance: Milky	Flash point: No data available	Specific gravity: No data available
Odor: none	Evaporation rate: No data available	Solubility: No data available
Odor threshold: No data available	Flammability: Non flammable	Autoignition Temperature: No data available
pH: No data available	Vapor pressure: No data available	Decomposition Temperature: No data available
Melting point: No data available	Vapor density: No data available	Viscosity: No data available

SECTION 10. Stability and Reactivity

Reactivity hazard:	None.
Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Excess heat and direct sunlight.
Hazardous decomposition products:	None reasonably foreseeable.

SECTION 11. Toxicological Information

Acute toxicity:	Not classified.
Skin corrosion/irritation:	May cause an allergic skin reaction..
Serious eye damage/irritation:	Not classified.
Respiratory or skin sensitization:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	May cause cancer.
Reproductive toxicity:	Not classified.
Specific target organ toxicity (single exposure):	Not classified.
Specific target organ toxicity (repeated exposure):	Not classified.
Potential Adverse human health effects and symptoms:	Not classified.

SECTION 12. Ecological Information

Persistence/degradability:	Harmful to aquatic life.
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SECTION 13. Disposal Considerations

Dispose of in accordance with local/national regulations.

SECTION 14. Transport Information

Land transport:	Not classified as dangerous in the meaning of transport regulations.
Air transport:	Not classified as dangerous in the meaning of transport regulations.
Sea transport:	Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulations:
This safety datasheet complies with the requirements of Regulation According to Regulation (EC) No.1272/2008 and GHS system.
Information about limitation of use: Not required.
Chemical safety assessment: For this mixture a chemical safety assessment is not required.

SECTION 16. Other Information

Legal disclaimer:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.