

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION AND COMPANY INFORMATIONS

Product Name : TU-100NTU,TU-500NTU Turbidity standards

Product Use : Standards

2. HAZARDS IDENTIFICATION

CHRONIC EFFECTS/CARCINOGENICITY: No evidence of carcinogenicity

HEALTH HAZARDS: No health hazards by normal means of exposure.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Hydrazine sulfate & Hexamethylenetetramine Benzene Copolymer Bead.

CAS NO : 85438-27-3 , 6303-43-1

Benzene Copolymer Bead WEIGHT: <10%

Deionized Water (H₂O): >90%

4. FIRST AID MEASURES

EYE AND SKIN CONTACT: Immediately flush eyes and flush skin. Seek medical attention if irritation develops.

INGESTION: Ingestion is not hazardous. Call a physician if necessary.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING EQUIPMENT: Use protective clothing and breathing equipment appropriate for the surrounding fire.

FIRE AND EXPLOSION HAZARDS: Not considered to be a fire or explosion hazard.

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURE OF PERSONAL PRECAUTION: Wear chemical safety goggles, Cover shoes and gloves.

METHODS FOR CLEARING UP: Absorb with suitable material (paper, towels etc.) and treat as normal refuse if local regulations allow. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes and skin. As with all chemicals wash hands thoroughly after handling. Protect from freezing and physical damage.

STORAGE: Keep container tightly closed. Store in a cool dry place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS: Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES: Wash thoroughly after handling. Wash contaminated clothing before reuse

PROTECTIVE EQUIPMENT:

Eye Protection Tightly fitting safety goggles, Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure.

Hand Protection Protective gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: White powder suspended in clear, colorless liquid. Depending on concentration,

Appearance: colorless

Odor: none reported

pH: 7.0-8.0

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Approx. 100°C MELTING

Freezing/Melting Point: Approx. 0°C Not available.

Decomposition Temperature: Not available.

Solubility: Completely soluble in water.

Density: 1.

Molecular Formula: Mixture

Molecular Weight: Not available.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use and storage.

INCOMPATIBILITY: Incompatible with Organic matter (No hazardous reaction). Hazardous decomposition product: None.

CONDITIONS TO AVOID: Keep from freezing (Once frozen, polymer will not remain completely suspended)

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

Route of Exposure: May cause irritation of eyes and skin. Maybe harmful if swallowed.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.

Mutagenicity: No data available.

Neurotoxicity: No data available.

Carcinogen Status: No data available.

12. ECOLOGICAL INFORMATION

Non hazardous to the environment.

Bioaccumulative Potential: No data available.

Persistence and Degradability: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products:

Dispose of in accordance with local regulations

Contaminated Packaging :

Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

RID/ADR: not regulated.

IMDG: not regulated.

IATA: not regulated.

DOT CLASS: not regulated.

15. REGULATORY INFORMATION

SARA TITLE 313: No

TSCA LISTED: Yes

NFPA: 0 - 0 - 0

16. OTHER INFORMATION

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief

All Product are offered in accordance with the manufacturers current production specification and are intended solely for use in analytical testing .

The manufacturer shall in no event be liable for any injury, loss or damage resulting from the handling, use or misuse of these products.