

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION: Turbidity Calibration Standards

Catalog Numbers-HF Scientific: 30860 39957 39953 39927 39928 39845
 39855 39887 39820 39828 39071 39830
 39825 39826 39823 34381S 39843 53000
 39939 32483S 29957H 29953H 29845H 39957P
 29953GF 29957GF 29957GW 29845TG 29953K
 29957K 29953F 29957F

PRODUCT USE: Analytical / Laboratory Reagent

NFPA RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

2. HAZARDS IDENTIFICATION

TARGET ORGANS: Skin, Eye
 ACUTE TOXICITY: None Reported
 CHRONIC TOXICITY: None Reported
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-Existing Skin or Eye Conditions

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component		Percent
Styrene Divinylbenzene Co-Polymer Beads		<1
CAS No.	9003-70-7	
Surfactant		<0.01
CAS No.	Confidential	
Preservative		<0.02
CAS No.	Confidential	
Deionized Water		>99
CAS No.	7732-18-5	

4. FIRST AID MEASURES

EYE CONTACT: Flush Eyes with Water
 SKIN CONTACT: Rinse Skin Thoroughly with Water
 INHALATION: NA
 INGESTION: Give Large Quantities of Water or Milk. Call a Physician

5. FIRE FIGHTING MEASURES

FLASH POINT: NA AUTOIGNITION POINT: NA
 FLAMMABILITY LIMITS: UPPER: NA LOWER: NA
 EXTINGUISHING MEDIA: Water, Dry Chemical, Alcohol Foam, or Carbon Dioxide

6. ACCIDENTAL RELEASE MEASURES

Remove Liquid with Absorbent Material and Dispose with Normal Garbage

7. HANDLING AND STORAGE

HANDLING: Wear Safety Glasses, Latex or Nitrile Gloves, and Lab Coat or Apron.
 Avoid Contact with Skin and Eyes. Do Not Ingest.
 STORAGE: Store at Room Temperature Out of Direct Sunlight. DO NOT FREEZE.
 Freezing Will Invalidate the Standard.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA & ACGIH Limit: NA
 PERSONAL PROTECTIVE EQUIPMENT: Safety Glasses, Latex or Nitrile Gloves, and Lab Coat or Apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
 COLOR: Clear, Cloudy, or White Depending on Standard Value
 ODOR: Odorless
 FLASH POINT: NA
 FLAMMABLE LIMITS: NA
 AUTOIGNITION TEMPERATURE: NA
 VAPOR PRESSURE: (mm Hg): 760mm
 SPECIFIC GRAVITY: 1.0
 BOILING POINT: 100 °C, 212 °F
 FREEZING POINT: 0°C, 32°F

MELTING POINT: NA
 SOLUBILITY IN WATER: Soluble
 pH: Neutral (6.5-7.5)

10. STABILITY AND REACTIVITY

Product Stable Under General Use and Storage Conditions. Agglomeration May Occur at Temperatures ≤ 0°C. If Freezing Occurs, Discard and Replace with Fresh Standard. The Performance of the Standard is Compromised if Freezing Occurs.

11. TOXICOLOGICAL INFORMATION

Route of Exposure: Skin, Eyes, Ingestion
 Teratogen Status: None
 Mutagen Status: None
 Reproductive Toxicity: None
 Carcinogen Status: None

12. ECOLOGICAL INFORMATION

No Ecological Data Available

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with Federal, State and Local Regulations.

14. TRANSPORT INFORMATION

US DOT (United States Department of Transportation): Not Regulated
 IATA (International Air Transport Association): Not Regulated
 IMO (International Maritime Organization): Not Regulated

15. REGULATORY INFORMATION

US / CANADA INFORMATION:

SARA/Title III: No
 TSCA Inventory: Yes
 Cal. Proposition 65: No
 WHMIS: No
 DSL: No
 NDSL: No

16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS 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.