

# SAFETY DATA SHEET

## 1. Chemical Product and Company Identification

Description: Turbidity Calibration Standards  
CAS Number: Mixture  
Catalog Number(s)-: 3822-4001, 159 001 585, 3822-4003, 159 001 586  
Product Use: Analytical / Laboratory Reagent

### Manufacturer/Supplier Information

Manufactured for and SDS prepared by:  
Georg Fischer Signet LLC  
3401 Aero Jet Ave  
El Monte, CA 91731

Date Prepared: 4/22/15

For additional health, safety or regulatory information, call (626) 571-2770

**For Chemical Emergency  
Spill Leak Fire Exposure or Accident  
Call CHEMTREC Day or Night**


**DOMESTIC NORTH AMERICA 800-424-9300  
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)**

## 2. Hazards Identification

### GHS Classification

| Health                     | Environment            | Physical             |
|----------------------------|------------------------|----------------------|
| Acute Toxicity: None       | Aquatic Toxicity: None | Flammable Liquid: No |
| Eye Corrosion: Category 2B |                        |                      |
| Skin Corrosion: Category 3 |                        |                      |

### GHS Labels

|   |  |
|---|--|
| <b>Pictograms:</b><br> | <b>Signal Word:</b> WARNING  |
| <b>Hazard Statements:</b><br>Causes mild skin irritation<br>Causes eye irritation                         | <b>Precautionary Statements</b><br>If skin irritation occurs, get medical advice/attention.<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>If eye irritation persists, get medical advice / attention.<br>Wash hands after handling. |

### 3. Composition/Information on Ingredients

| <b>Chemical</b>                                  | <b>CAS No</b> | <b>Percent</b> |
|--|---------------|----------------|
| Deionized water                                  | 7732-18-5     | >99            |
| Styrene Divinylbenzene Co-Polymer Beads          | 9003-70-7     | <1             |
| Dowicil" QK-20 Antimicrobial                     | Mixture       | 0.02           |
| Octylphenoxyethoxyethanol<br>nonionic surfactant | Mixture       | 0.01           |

### 4. First Aid Measures

**EYE CONTACT:** Immediately flush eyes with excess water for 15 minutes

**SKIN CONTACT:** Immediately flush with excess water for 15 minutes. Remove contaminated clothing.

**INHALATION:** Remove to fresh air

**INGESTION:** Give large quantities of water or milk. Call a physician

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Foam or dry chemical

**Fire Fighting Procedure:** Wear self-contained breathing apparatus for firefighting if necessary.

**Unusual Fire and Exposure Hazards:** None

**Combustion Products:** None

**NFPA Classification:** HEALTH: 0 FLAMMABLE: 0 REACTIVITY 0

### 6. Accidental Release Procedures

Wear Proper Personal Protective Equipment. See Section 8 for additional information. Remove Liquid with absorbent material and seal in a bag or container for disposal. Wash spill area once pickup is complete.

### 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

**Exposure Limits:** N/A

**Engineering Controls:** N/A

**Personal Protective Equipment:** Safety Glasses, Latex or Nitrile Gloves, and Lab Coat or Apron

### 9. Physical and Chemical Properties

**Flashpoint:** N A

**Autoignition Temperature:**N/A

**Boiling Point:** 100C, 212F

**Melting Point:** N/A

**Vapor Pressure:** 760 mm Hg

**Vapor Density:** N/A

**% Solubility in Water:** 100%

**Pour Point:** N/A  
**Molecular Formula:** Mixture  
**Odor | Appearance:** Odorless, clear to white liquid (depending on standard value)  
**Lower Flammability Limit:** N/A  
**Upper Flammability Limit:** N/A  
**Specific Gravity:** 1.0  
**% Volatile:** N/A  
**Evaporation Rate (Water=1):**N/A **Viscosity:**N/A  
**Octanol/ Water Partition Coefficient:** N/A  
**pH:** Neutral (6.5-7.5)  
**Molecular Weight:** Mixture

## 10. Stability and Reactivity

**Stability / Incompatibility:** product stable under general use and storage conditions  
**Hazardous Reactions / Decomposition Products:** Hazardous polymerization will not occur  
**Temperatures  $\leq 0^{\circ}\text{C}$ :** If freezing occurs, discard and replace with fresh standard. The performance of the standard is compromised if freezing occurs.

## 11. Toxicological Information

**Symptoms of overexposure:** Irritation of the skin and eyes  
**Acute effects:** may cause skin, eye irritation.  
**Eye contact:** may cause eye irritation  
**Skin contact:** may cause skin irritation.  
**Inhalation:** N/A  
**Ingestion:** N/A  
**Target Organs effects:** skin and eyes  
**Chronic Effects:** N/A  
**Medical Conditions:** aggravated by exposure.  
**Acute Toxicity Values:** N/A

## 12. Ecological Information

No ecological data available.

## 13. Disposal Considerations

Dispose of in a manner consistent with federal, state and local regulations.

## 14. Transportation 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

**CERCLA:** No  
**SARA/Title III:** No

**TSCA Inventory:** Yes  
**Cal. Proposition 65:** No  
**WHMIS:** No  
**DSL:** No  
**NDSL:** No

## **16. Other Information:**

### **16.1 Disclaimer**

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### **Revision**

Date of latest revision: 4-22-15  
Responsibility for SDS: S.K. Wells

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