Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>AMCO Clear® Turbidity Standard, 10 NTU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
<td>YSI 607200 (6072)</td>
</tr>
<tr>
<td>Product Description</td>
<td>Reagent for determination of turbidity of liquids.</td>
</tr>
<tr>
<td>Supplier</td>
<td>YSI, a Xylem brand</td>
</tr>
<tr>
<td>Address</td>
<td>1725 Brannum Lane, Yellow Springs, OH 45387</td>
</tr>
<tr>
<td>Telephone</td>
<td>937-767-7241</td>
</tr>
<tr>
<td>Emergency</td>
<td>CHEMTREC</td>
</tr>
<tr>
<td>US/Can</td>
<td>800-424-9300</td>
</tr>
<tr>
<td>International</td>
<td>001 703-572-3997</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>GFS Chemicals, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>PO Box 245, Powell, OH 43065</td>
</tr>
<tr>
<td>Telephone</td>
<td>740-881-5501</td>
</tr>
<tr>
<td>Emergency Contact</td>
<td>CHEMTREC</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:service@gfschemicals.com">service@gfschemicals.com</a></td>
</tr>
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</table>

SECTION 2: HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Physical Hazards</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazards</td>
<td>Not classified</td>
</tr>
<tr>
<td>Environmental Hazards</td>
<td>Not classified</td>
</tr>
<tr>
<td>OSHA Defined Hazards</td>
<td>Not classified (no hazards resulting from the material as supplied)</td>
</tr>
</tbody>
</table>

Label Elements

<table>
<thead>
<tr>
<th>Hazard symbol</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word</td>
<td>None</td>
</tr>
<tr>
<td>Hazard statement</td>
<td>Not available</td>
</tr>
<tr>
<td>Precautionary statement</td>
<td></td>
</tr>
<tr>
<td>Prevention</td>
<td>Not available</td>
</tr>
<tr>
<td>Response</td>
<td>Not available</td>
</tr>
<tr>
<td>Storage</td>
<td>Not available</td>
</tr>
<tr>
<td>Disposal</td>
<td>Not available</td>
</tr>
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</table>

Hazard(s) not otherwise classified (HNOC) None known
Supplemental Information None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>Approximate %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>90-100</td>
</tr>
<tr>
<td>Styrene Divinylbenzene</td>
<td>9003-70-7</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Copolymer Beads</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other components below</td>
<td>Not found</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>reportable levels</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General First Aid Measures
Never give anything by mouth to an unconscious person. Seek medical advice if you feel unwell.

If Inhaled
Remove person to fresh air and keep comfortable for breathing. Allow victim to
In Case of Skin Contact
Remove contaminated clothing and wash exposed skin with mild soap and water. Rinse with warm water.

In Case of Eye Contact
Immediately flush eyes with plenty of water. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops.

If Swallowed
Rinse mouth. Do NOT induce vomiting. Get medical attention if you feel unwell.

Most Important Symptoms/Effects Acute and Delayed
Not available

Indication of Immediate Medical Attention and Special Treatment Needed
Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media

Unsuitable Extinguishing Media
Not available

Special Hazards Arising from the Chemical
Not available

Special Protective Actions for Fire-Fighters
Wear self-contained breathing apparatus and protective clothing. Keep exposed containers cool with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions
No special precautions.

Environmental Precautions
No special environmental precautions required.

Methods and Materials for Containment
Containment of this material should not be necessary. This product is miscible in water. Flush with water. Never return spills in original container for re-use. For waste disposal, see section 13 of the SDS.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling
No special precautions.

Conditions for Safe Storage Including any Incompatibilities
Do not allow material to freeze.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits
No exposure limits noted for ingredient(s).

Biological Limit Values
No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual Protection Measures

Eye/Face Protection
Not normally needed

Skin Protection

Hand protection
Not normally needed

Other
Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory Protection
No personal respiratory protective equipment normally required.

Thermal Hazards
Not available

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
Appearance

Physical State

Form

Color

Odor

Odor Threshold

pH

Melting Point/Freezing Point

Initial Boiling Point and Boiling Range

Flash Point

Evaporation Rate

Flammability (Solid, Gas)

Upper/Lower Flammability/Explosive Limits

Vapor Pressure

Vapor Density

Relative Density

Solubility (water)

Partition Coefficient (n-octanol/water)

Auto-Ignition Temperature

Decomposition Temperature

Viscosity

Other Information

Density

Percent volatile

Specific gravity

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Chemical Stability

Possibility of Hazardous Reactions

Conditions to Avoid

Incompatible Materials

Hazardous Decomposition Products

SECTION 11: TOXICOCLOGICAL INFORMATION

Acute Toxicity

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 dermal</td>
<td>Rabbit</td>
<td>99999 mg/kg</td>
</tr>
<tr>
<td>LD50 oral</td>
<td>Bird</td>
<td>99999 mg/kg</td>
</tr>
<tr>
<td>LD50 oral</td>
<td>Mouse</td>
<td>99999 mg/kg</td>
</tr>
<tr>
<td>LD50 oral</td>
<td>Rat</td>
<td>99999 mg/kg</td>
</tr>
<tr>
<td>LD oral</td>
<td>Rat</td>
<td>99999 mg/kg</td>
</tr>
<tr>
<td>TD0</td>
<td>Rat</td>
<td>99999 mg/kg</td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation

Serious Eye Damage/Irritation

Respiratory or Skin Sensitization

Germ Cell Mutagenicity

Carcinogenicity

Reproductive Toxicity

Specific Target Organ Toxicity (Single Single Exposure)

Due to lack of data the classification is not possible

Due to lack of data the classification is not possible

Due to lack of data the classification is not possible

Due to lack of data the classification is not possible

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

Due to lack of data the classification is not possible

Due to lack of data the classification is not possible
Specific Target Organ Toxicity (Repeated Exposure)  
Due to lack of data the classification is not possible.

Aspiration Hazard  
Due to lack of data the classification is not possible.

Chronic Effects  
Prolonged inhalation may be harmful.

Other Information  
This product has no known adverse effect on human health.

SECTION 12: ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC50 aquatic – Crustacea</td>
<td>Daphnia</td>
<td>37000 mg/l, 48 hrs estimated</td>
</tr>
<tr>
<td></td>
<td>LC50 aquatic – Fish</td>
<td>Fish</td>
<td>22840.0156 mg/l, 96 hrs estimated</td>
</tr>
</tbody>
</table>

Persistence and Degradability  
No data is available on the degradability of this product.

Bioaccumulative Potential  
Not available.

Mobility in Soil  
Not available.

Other Adverse Effects  
Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Recommendations  
Wash to drains with lots of water. Dispose in accordance with all applicable regulations.

Hazardous Waste Code  
Not regulated.

Waste from residues/unused products  
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal Recommendations).

Contaminated Packaging  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

DOT  
Not regulated as dangerous goods.

IATA  
Not regulated as dangerous goods.

IMDG  
Not regulated as dangerous goods.

Transport in Bulk according to Annex II of Marpol  
This substance/mixture is not intended to be transported in bulk.

73/78 and the IBC Code  
Not regulated.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations  
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt.D)  
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)  
Not listed.

SARA 304 Emergency Release Notification  
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)  
Hazard categories  
Immediate hazard – No
Delayed hazard – No
Fire hazard – No
Pressure hazard – No
Reactivity hazard – No

SARA 302 Extremely Hazardous Substance  
Not listed.

SARA 311/312 Hazardous Chemical  
No.

SARA 313 (TRI Reporting)  
Not regulated.

Other Federal Regulations  
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List  
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.13)  
Not regulated.
Safe Drinking Water (SDWA)  
Not regulated

US State Regulations  
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US California Controlled Substances, CA Department of Justice (California Health and Safety Code Section 11100)  
Not listed

US Massachusetts RTK – Substance List  
Not regulated

US New Jersey Worker and Community Right-to-Know Act  
Not listed

US Pennsylvania Worker and Community Right-to-Know Act  
Not listed

US Rhode Island RTK  
Not regulated

US California Proposition 65  
Not listed

International Inventories

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Inventory Name</th>
<th>On Inventory*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States and Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*"Yes" indicates all components of this product comply with the inventory requirements administered by the governing country(s)

**"No" indicates one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s)

SECTION 16: OTHER INFORMATION

 Revision Date:  12/17/2014

 Version #  01

 Disclaimer

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 END OF SAFETY DATA SHEET