1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product name Turbidity Standard 1.0 NTU (2020we/TC3000we/LTC3000we)

Other means of identification
Product Code(s) 1450

Recommended use of the chemical and restrictions on use
Recommended Use Laboratory chemicals. Industrial (not for food or food contact use). Use as a laboratory reagent.

Details of the supplier of the safety data sheet
Manufacturer Address LaMotte Company, Inc.
802 Washington Avenue
P.O. Box 329
Chestertown, MD 21620 USA
T 410-778-3100
F 410-778-9748

Emergency telephone number
24 Hour Emergency Number (CHEM-TEL): USA, Canada, Puerto Rico 1-800-255-3924 Outside North American Continent (Call collect) 813-248-0585

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Physical state</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear, colorless</td>
<td>liquid</td>
<td>Odorless</td>
</tr>
</tbody>
</table>

Precautionary Statements - Prevention
Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Keep out of reach of children.

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED. Drink 1 or 2 glasses of water. Call a physician immediately.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep cool.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMCO polymer spheres (Styrene Divinyl Benzene Copolymer Beads) suspended in water</td>
<td>9003-70-7</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Water, distilled</td>
<td>7732-18-5</td>
<td>&gt;99</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First Aid Measures

General advice
No hazards which require special first aid measures.

Eye contact
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin contact
Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Inhalation
Not expected. Remove to fresh air.

Ingestion
Drink 1 or 2 glasses of water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protection recommended in Section 8.

Environmental precautions
See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up
Soak up with inert absorbent material. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling
Handle in accordance with good industrial hygiene and safety practice. Do not taste or swallow. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.
Keep out of the reach of children.

Incompatible Products

None known based on information supplied.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
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</table>

**Appropriate engineering controls**

Engineering Measures

Showers

Eyewash stations

Ventilation systems.

**Individual protection measures, such as personal protective equipment**

Eye/Face Protection

No special protective equipment required.

Skin and body protection


Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Property** | **Values** | **Remarks • Method** |
---           | ---        | ---                 |
Physical state | liquid     |                     |
Appearance    | Clear, colorless |                   |
Odor          | Odorless    |                     |

**Property** | **Values** | **Remarks • Method** |
---           | ---        | ---                 |
pH            | No information available |                     |
Melting point / freezing point | No information available |                     |
Boiling point / boiling range | 100 °C | No information available |
Flash point   | No information available |                     |
Evaporation rate | No information available |                     |
Flammability (solid, gas) | No information available |                     |
Flammability Limit in Air | No information available |                     |
Upper flammability limit: | No information available |                     |
Lower flammability limit: | No information available |                     |
Vapor pressure | No information available |                     |
Vapor density | No information available |                     |
Specific gravity | No information available |                     |
Water solubility | No information available |                     |
Solubility in other solvents | No information available |                     |
Partition coefficient | No information available |                     |
Autoignition temperature | No information available |                     |
Decomposition temperature | No information available |                     |
Kinematic viscosity | No information available |                     |
Dynamic viscosity | No information available |                     |
Explosive properties | No information available |                     |
Oxidizing properties | No information available |                     |

Other Information
Softening point: No information available
Molecular weight: No information available
VOC Content (%): No information available
Density: No information available
Bulk density: No information available

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Hazardous polymerization: Hazardous polymerization does not occur.
Conditions to avoid: Do not freeze. (Once frozen, polymer will not remain completely suspended).
Incompatible materials: None known based on information supplied.
Hazardous decomposition products: None

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
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<td>&gt; 90 mL/kg (Rat)</td>
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Information on toxicological effects

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
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Chronic toxicity: No known effect based on information supplied.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Unknown Aquatic Toxicity: 0.1 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
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Persistence and degradability

No information available.

Bioaccumulation/Accumulation

No information available.

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13. DISPOSAL CONSIDERATIONS

Disposal Methods
Can be disposed as waste water, when in compliance with local regulations. Dispose of contents/containers in accordance with local regulations.

Contaminated packaging
Do not reuse empty containers.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>RCRA</th>
<th>RCRA - Basis for Listing</th>
<th>RCRA - D Series Wastes</th>
<th>RCRA - U Series Wastes</th>
</tr>
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<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
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14. TRANSPORT INFORMATION

DOT
Not regulated

IATA
Not regulated

IMDG/IMO
Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Does not comply
ENCS Does not comply
IECS Complies
KECL Complies
PICCS Complies
AICS Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
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SARA 311/312 Hazard Categories:
- Acute health hazard: No
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
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CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
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US State Regulations

California Proposition 65

<table>
<thead>
<tr>
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<tbody>
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</table>

U.S. State Right-to-Know Regulations
Chemical name | New Jersey | Massachusetts | Pennsylvania
---|---|---|---
AMCO polymer spheres (Styrene Divinyl Benzene Copolymer Beads) suspended in water 9003-70-7 | Not Established | Not Established | Not Established
Water, distilled 7732-18-5 | Not Established | Not Established | X

CPSC (Consumer Product Safety Commission) - Specially Regulated Substances

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazard</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Hazard</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Prepared by Regulatory Affairs Department
Issuing Date May-04-2015

Disclaimer
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet