SAFETY DATA SHEET

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended Use: Viscometer and/or density measurement equipment calibration and performance verification reference standard
Uses advised against: No information available

1.3. Details of the supplier of the safety data sheet
Supplier: Cannon Instrument Company
Address: 2139 High Tech Rd. State College, PA 16803-1733
TEL: (814) 353-8000; (800) 676-6232
For further information, please contact
E-mail Address: No information available

1.4. Emergency telephone number
Emergency Telephone: (800) 255-3924 Domestic CHEM-TEL Inc.
Number: +1 (813) 248-0585 Overseas CHEM-TEL Inc. (Please Call Collect)
Europe: 112

Section 2. Hazards identification

2.1. Classification of the substance or mixture
REGULATION (EC) No 1272/2008
Not classified

Physical Hazards: None

2.2. Label Elements
Not classified

2.3. Other information
May be irritating to eyes, respiratory system and skin.

Section 3. Composition/information on ingredients

3.1. Substances
3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC-No</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>EU - GHS Substance Classification</th>
<th>REACH No.</th>
</tr>
</thead>
</table>

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Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact  Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.

Skin Contact  Wash off with warm water and soap. Get medical attention if symptoms occur.

Ingestion  Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation  IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.

Protection of First-aiders  Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects  Irritation.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician  Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

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

Extinguishing media which must not be used for safety reasons  No information available.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases  None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters  As in any fire, wear self-contained breathing apparatus and full protective gear.
Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothing. Refer to Section 8 for personal protective equipment.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so.

6.3. Methods and materials for containment and cleaning up
Prevent further leakage or spillage if safe to do so.

Dam up. 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). Clean contaminated surface thoroughly.

6.4. Reference to other sections
See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment.

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

7.2. Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)
Exposure Scenario
No information available.

Other Guidelines
No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level
No information available.

Predicted No Effect Concentration (PNEC)
No information available.

8.2. Exposure controls

Engineering Measures
Ensure adequate ventilation, especially in confined areas.
### Personal protective equipment

- **Eye Protection**: Safety glasses with side-shields.
- **Skin and Body Protection**: Long sleeved clothing.
- **Hand Protection**: Protective gloves.
- **Respiratory Protection**: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

### Environmental Exposure Controls

No information available.

### Section 9. Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Faint hydrocarbon</td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Melting Point/Range</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Boiling Point/Boiling Range</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>&gt; 115 °C</td>
<td>Closed cup</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas)</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Flammability Limits in Air</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
<td>No data available.</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
<td>No data available.</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Relative Density</strong></td>
<td>No data available.</td>
<td>0.88-0.92</td>
</tr>
<tr>
<td><strong>Water Solubility</strong></td>
<td>Insoluble in water.</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Solubility in other solvents</strong></td>
<td>Soluble in solvents.</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Partition coefficient: n-octanol/water</strong></td>
<td>No data available.</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Autoignition Temperature</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>1600-1600000 cSt @ 40°C</td>
<td>None known</td>
</tr>
</tbody>
</table>

- **Explosive Properties**: No information available
- **Oxidizing Properties**: No information available

#### 9.2. Other information

- **VOC Content (%)**: No information available

### Section 10. Stability and reactivity

#### 10.1. Reactivity

Not reactive under normal conditions

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

Carbon oxides.
Section 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Inhalation  Inhalation of mist may cause irritation to the respiratory system.
Eye Contact   Contact with eyes may cause irritation.
Skin Contact   May cause skin irritation and/or dermatitis. Repeated or prolonged contact may cause localized dermal effects including contact dermatitis, dry skin, or rash.
Ingestion   Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Respiratory or Skin Sensitization  No information available
Mutagenic Effects  No information available
Carcinogenic Effects  No information available

Reproductive Toxicity  No information available
Developmental Toxicity  No information available
STOT - single exposure  No information available
STOT - repeated exposure  No information available
Aspiration Hazard  No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects
Contains no substances known to be hazardous to the environment at concentrations that would be significant.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations
## 13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Waste from Residues / Unused Products</th>
<th>Dispose of in accordance with local regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contaminated Packaging</td>
<td>Empty containers should be taken to an approved waste handling site for recycling or disposal.</td>
</tr>
</tbody>
</table>

### Section 14. Transport information

**Note:** The information provided below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional requirements and mode-specific, material-specific, or quantity-specific shipping requirements.

#### IMDG/IMO

| 14.1. UN-Number | Not regulated. |
| 14.2. Proper Shipping Name | Not regulated. |
| 14.3. Hazard Class | Not regulated. |
| Description | Not applicable. |
| 14.5. Marine Pollutant | None |
| 14.6. Special Provisions | None |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | No information available. |

#### RID

| 14.1. UN-Number | Not regulated. |
| 14.2. Proper Shipping Name | Not regulated. |
| 14.3. Hazard Class | Not regulated. |
| Description | Not applicable. |
| 14.5. Environmental hazard | None |
| 14.6. Special Provisions | None |

#### ADR

| 14.1. UN-Number | Not regulated. |
| 14.2. Proper Shipping Name | Not regulated. |
| 14.3. Hazard Class | Not regulated. |
| Description | Not applicable. |
| 14.5. Environmental hazard | None |
| 14.6. Special Provisions | None |

#### ICAO

| 14.1. UN-Number | Not regulated. |
| 14.2. Proper shipping name | Not regulated. |
| 14.3. Hazard Class | Not regulated. |
| Description | Not applicable. |
| 14.5. Environmental hazard | None |
| 14.6. Special Provisions | None |

#### IATA

| 14.1. UN-Number | Not regulated. |
| 14.2. Proper Shipping Name | Not regulated. |
| 14.3. Hazard Class | Not regulated. |
| Description | Not applicable. |
| 14.5. Environmental hazard | None |
| 14.6. Special Provisions | None |
Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories
Contact supplier for inventory compliance status
TSCA Complies
European Union Complies
DSL/NDSL Complies
PICCS Complies
ENCS Complies
IECSC Complies
AICS Complies
KECL Complies

PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment
No information available

Section 16. Other information

Key literature references and sources for data
www.ChemADVISOR.com/

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General Disclaimer
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End of Safety Data Sheet