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
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 Number: (800) 255-3924 Domestic CHEM-TEL Inc.
+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>
<tbody>
<tr>
<td>1-Decene, homopolymer, hydrogenated</td>
<td>-</td>
<td>68037-01-4</td>
<td>100</td>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>
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
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
Personal protection equipment should be chosen according to the CEN standards

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>Physical State</th>
<th>Liquid</th>
<th>Appearance</th>
<th>Colorless</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Faint hydrocarbon</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 224 °C</td>
<td>Closed cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
</tbody>
</table>

| Vapor Pressure            | No data available            | None known        |
| Vapor Density             | No data available            | None known        |
| Relative Density          | No data available 0.82-0.88  | None known        |
| Water Solubility          | Insoluble in water.         | None known        |
| Solubility in other solvents | Soluble in solvents.  | None known        |
| Partition coefficient: n-octanol/water | No data available | None known        |
| Autoignition Temperature  | No data available            | None known        |
| Decomposition Temperature | No data available            | None known        |
| Viscosity                 | 50-505 cSt @ 40°C            | None known        |

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Decene, homopolymer,</td>
<td></td>
<td>LC50 Rainbow trout: &gt;1000</td>
<td>EC50: 190 mg/l (48-hr)</td>
<td></td>
</tr>
<tr>
<td>hydrogenated</td>
<td></td>
<td>mg/L (96-hr)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**12.2. Persistence and degradability**
- No information available

**12.3. Bioaccumulative potential**
- No information available

**12.4. Mobility in soil**
- Absorbs on soil.

**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.

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#### Section 13. Disposal considerations

**13.1. Waste treatment methods**

- **Waste from Residues / Unused Products**
  - Dispose of in accordance with local regulations.

- **Contaminated Packaging**
  - Empty containers should be taken to an approved waste handling site for recycling or
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
15.2. Chemical Safety Assessment
No information available

Section 16. Other information

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

Issuing Date 24-Apr-2014
Revision Date 28-Dec-2017
Revision Note Update to Format.


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End of Safety Data Sheet