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

1.1. Product identifier
Product Name: CL100

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)

Section 2. Hazards identification

2.1. Classification of the substance or mixture
REGULATION (EC) No 1272/2008
Aspiration Toxicity: Category 1

Physical Hazards:
None

2.2. Label Elements

Signal Word: Warning

Hazard Statements:
H304 - May be fatal if swallowed and enters airways

Precautionary Statements - EU (§28, 1272/2008)
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting
2.3. Other information
Prolonged skin contact may defat the skin and produce dermatitis

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,</td>
<td>-</td>
<td>68037-01-4</td>
<td>100</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>hydrogenated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

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

Skin Contact Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. Get medical attention if symptoms occur.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Drink plenty of water. 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. Use 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**  
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. 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. Keep away from open flames, hot surfaces and sources of ignition.

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>Appearance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Colorless</strong></td>
<td></td>
<td></td>
</tr>
<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>&gt;346 °C</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>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>No data available 0.82</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble in water.</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Soluble in solvents.</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Viscosity</td>
<td>20 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
None under normal use.

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
No known hazard in contact with skin. Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated contact may dry skin and cause irritation. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Respiratory or Skin Sensitization
No information available

### Mutagenic Effects
No information available

### Carcinogenic Effects
Contains no ingredient listed as a carcinogen

### Reproductive Toxicity
No information available

### Developmental Toxicity
No information available

### STOT - single exposure
No information available

### STOT - repeated exposure
No information available

### Target Organ Effects
Skin. Eyes. Respiratory system.

### Aspiration Hazard
No information available.

---

**Section 12. Ecological information**

#### 12.1. Toxicity

**Ecotoxicity Effects**
The environmental impact of this product has not been fully investigated.

<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, hydrogenated</td>
<td>-</td>
<td>LC50 Rainbow trout: &gt;1000 mg/L (96-hr)</td>
<td>-</td>
<td>EC50: 190 mg/l (48-hr)</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability
No information available

#### 12.3. Bioaccumulative potential
No information available.

#### 12.4. Mobility in soil
Adsorbs 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 disposal.
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 - 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

Full text of H-statements referred to under sections 2 and 3
H304 - May be fatal if swallowed and enters airways

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

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Revision Note Update to Format.


General Disclaimer
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End of Safety Data Sheet