

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

### 1.1. Product identifier

Product Name **Silicone Bath Oil 50 cSt**

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Constant temperature bath oil

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
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## 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

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Poly(dimethylsiloxane)	-	63148-62-9	100		No data available

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

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash off with warm water and soap. Get medical attention if symptoms occur.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Inhalation</b>	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.
<b>Protection of First-aiders</b>	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

**Physical State**  
**Odor**

Liquid  
Odorless

**Appearance**

Colorless

#### Property

#### Values

#### Remarks/ - Method

**pH**

No data available

None known

**Melting Point/Range**

No data available

None known

**Boiling Point/Boiling Range**

>65 °C

None known

**Flash Point**

> 120 °C

Closed cup

<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>	No data available	None known
<b>Vapor Pressure</b>	No data available.	None known
<b>Vapor Density</b>	No data available.	None known
<b>Relative Density</b>	No data available 0.97	None known
<b>Water Solubility</b>	Insoluble in water.	None known
<b>Solubility in other solvents</b>	Soluble in solvents.	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	50 cSt @ 25°C	None known
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	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. Silicon dioxide. Formaldehyde.

## 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. 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.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Poly(dimethylsiloxane)	> 24 g/kg ( Rat ) > 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	

**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

<b>Aspiration Hazard</b>	No information available.
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## 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

#### **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**

<b>14.1. UN-Number</b>	Not regulated.
<b>14.2. Proper Shipping Name</b>	Not regulated.
<b>14.3. Hazard Class</b>	Not regulated.
<b>14.4. Packing Group</b>	Not regulated.
<b>Description</b>	Not applicable.
<b>14.5. Marine Pollutant</b>	None
<b>14.6. Special Provisions</b>	None
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.

#### **RID**

<b>14.1. UN-Number</b>	Not regulated.
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14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	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.
14.4. Packing Group	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.
14.4. Packing Group	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.
14.4. Packing Group	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

<b>TSCA</b>	Complies
<b>European Union</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	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/](http://www.ChemADVISOR.com/)

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**Revision Note** Update to Format.

**This safety data sheet complies with the requirements of Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No. 1907/2006**

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**End of Safety Data Sheet**