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

1.1. Product identifier
Product Name CVCO-5W30, CVCO-10W30, and CVCO-15W40

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended Use Viscometer and/or density measurement equipment performance verification check 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 (800) 255-3924 Domestic CHEM-TEL Inc.
Number +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
Chronic Aquatic Toxicity Category 3

Physical Hazards
None

2.2. Label Elements

Hazard Statements
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)
P273 - Avoid release to the environment
P501 - Dispose of contents/container to an approved waste disposal plant

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>Base Oil, Highly Refined</td>
<td>-</td>
<td>-</td>
<td>75-100</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Additives</td>
<td>-</td>
<td>-</td>
<td>&lt;25</td>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>272-028-3</td>
<td>68649-42-3</td>
<td>&lt;5</td>
<td></td>
<td>No data available</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. 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.

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**

- **Eye Protection**
  Personal protection equipment should be chosen according to the CEN standards
- **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>Hydrocarbon-like</td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Dark amber</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;= 185 °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 0.86 - 0.87</td>
<td>None known</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>64-105 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
No dangerous reaction known under conditions of normal use.

#### 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.
- **Acute Toxicity**: 255% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

- **LD50 Oral**: 99,999.00 mg/kg
- **LD50 Dermal**: 99,999.00 mg/kg
- **Gas**: 99,999.00 mg/L
- **Dust/Mist**: 99,999.00 mg/L
- **Vapor**: 99,999.00 mg/L

- **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**
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<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>Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts</td>
<td>LC50 96 h: 1.0 - 5.0 mg/L (Pimephales promelas)</td>
<td>LC50 96 h: 10.0 - 35.0 mg/L (Pimephales promelas)</td>
<td>EC50 48 h: 1 - 1.5 mg/L (Daphnia magna)</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

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
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.
14.5. Marine Pollutant
None
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.
14.4. Packing Group
Not regulated.
14.5. Environmental hazard
None
None

ADR
### Section 14.

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

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

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

None

### Section 15. Regulatory information

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

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>PICCS</td>
<td>Not determined</td>
</tr>
<tr>
<td>ENCS</td>
<td>Not determined</td>
</tr>
<tr>
<td>IECSC</td>
<td>Not determined</td>
</tr>
<tr>
<td>AICS</td>
<td>Not determined</td>
</tr>
<tr>
<td>KECL</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
PICCS - Philippines Inventory of Chemicals and Chemical Substances  
ENCS - Japan Existing and New Chemical Substances  
IECSC - China Inventory of Existing Chemical Substances  
AICS - Australia Inventory of Chemical Substances  
KECL - Korea 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

H319 - Causes serious eye irritation
H315 - Causes skin irritation
H401 - Toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects

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

Issuing Date  24-Apr-2014
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End of Safety Data Sheet