

Safety Data Sheet  
acc. to OSHA 29 CFR 1910.1200 HCS

Issue date: 04/13/2015

Revision Date: 04/13/2015

## 1 Identification

- **Product identifier**
  - **Trade name: A/C POE OIL**
    - **Part number:** 69084
    - **Application of the substance / the mixture** lubricant for refrigeration oil
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
UView Ultraviolet Systems Inc., division of, CPS Products Canada Ltd.  
1324 Blundell Road  
Mississauga, ON, L4Y 1M5  
Canada
  - **Emergency telephone number:**  
CHEMTREC International +1 (703) 527-3887 (outside the US), 1-800-424-9300 (in the US) 24 hr

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified according to the Globally Harmonized System (GHS).
- **Additional information:**  
This product is not classified as hazardous according to 29CFR 1910.1200.

- **Label elements**
  - **GHS label elements** Not Applicable
    - **Hazard pictograms** Not Applicable
    - **Signal word** Not Applicable
    - **Hazard statements** Not Applicable
  - **Additional information:** For Professional Use Only
- **Classification system:**
  - **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
  - **Description:** Mixture: consisting of the following components.

- **Chemical components:**

Polyol Ester Oil	99-100%
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#### 4 First-aid measures

- **Description of first aid measures**

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
- **After eye contact:**  
Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.
- **After swallowing:** DO NOT INDUCE VOMITING. Get immediate medical attention.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### 5 Fire-fighting measures

- **Extinguishing media**
  - **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
  - **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** See section 10 for additional information.
- **Advice for firefighters**
  - **Protective equipment:**  
Recommend wearing self-contained breathing apparatus. Water may cause splattering.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Personal protective equipment must be worn. Avoid contact with skin, eyes or clothing. Ventilate area if spilled in a confined space or other poorly ventilated area.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

#### 7 Handling and storage

- **Handling:**
  - **Precautions for safe handling**  
Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.
  - **Information about protection against explosions and fires:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

- See section 10 for incompatible materials.

- **Information about storage in one common storage facility:**

- Store in a cool dry place in tightly closed containers.

- **Further information about storage conditions:**

- Protect from humidity and water.

- Protect from heat and direct sunlight.

- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Engineering Controls**

- eye wash station

- safety shower

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

- The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

- The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:**

- Avoid breathing in mist or vapor. Under normal use conditions this is not a breathing hazard.

- Prolonged exposure to vapors may cause dizziness and headaches.

- Use suitable respiratory protective device only when aerosol or mist is formed.

- **Protection of hands:**

- Nitrile. Neoprene.

- Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

- **Eye protection:**



- Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

- **Form:**

- Fluid

- **Color:**

- Yellow tint

- **Odor:**

- Odorless

- **Odour threshold:**

- Not determined.

- **pH-value:**

- Not determined.

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· <b>Change in condition</b>	
· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	Undetermined.
· <b>Flash point:</b>	> 250 °C (> 482 °F)
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density at 20 °C (68 °F):</b>	0.943 g/cm <sup>3</sup> (7.869 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
· <b>Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Dynamic:</b>	Not determined.
· <b>Kinematic at 40 °C (104 °F):</b>	90 mm <sup>2</sup> /s
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	0.0 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

- No decomposition if used and stored according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known.

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** May react with strong oxidizing materials.

- **Hazardous decomposition products:**

- Smoke, carbon monoxide, carbon dioxide and other products of incomplete combustion.

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## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

<b>Polyol Ester Oil</b>		
Oral	LD50	>5 g/Kg (rat)
Dermal	LD50	>10 g/Kg (rabbit)

- **Primary irritant effect:**

- **on the skin:**

May cause mild skin irritation. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis.

- **on the eye:** May cause eye irritation.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability**

<b>Polyol Ester Oil</b>	
Persistence and Degradability	75.7% (28 d) (-) (OECD 301B)

- **Behavior in environmental systems:**

- **Bioaccumulative potential**

<b>Polyol Ester Oil</b>	
Bioaccumulation	logPOW > 7 (-)

- **Mobility in soil** Not Determined

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

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**13 Disposal considerations**

- **Waste treatment methods**
  - **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

- |                                                                                  |                 |
|----------------------------------------------------------------------------------|-----------------|
| · <b>UN-Number</b><br>· DOT, IMDG, IATA                                          | Not Regulated   |
| · <b>UN proper shipping name</b><br>· DOT, IMDG, IATA                            | Not Regulated   |
| · <b>Transport hazard class(es)</b><br>· DOT, IMDG, IATA<br>· Class              | Not Regulated   |
| · <b>Packing group</b><br>· DOT, IMDG, IATA                                      | Not Regulated   |
| · <b>Environmental hazards:</b><br>· Marine pollutant:                           | No              |
| · <b>Special precautions for user</b>                                            | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                                  | -               |

**15 Regulatory information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

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· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements** Not Applicable
- **Hazard pictograms** Not Applicable
- **Signal word** Not Applicable
- **Hazard statements** Not Applicable

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Contact:** Engineering Department

· **Issue Date** April 8, 2015

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)