1 Identification

· Product identifier
  · Trade name: CPS Pro Set Vacuum Pump Oil
    · Part number: VPOG
    · Application of the substance / the mixture: All purpose vacuum pump oil

· Details of the supplier of the safety data sheet
  · Manufacturer/Supplier:
    CPS Products Inc.
    1010 East 31st St
    Hialeah, FL 33013
    USA
    Tel: 305 687 4121
    Fax: 305 687 3743
  · email of person responsible:
    info@cpsproducts.com
  · 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 contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains no known hazardous materials. This product is not controlled according to WHMIS.

· Label elements
  · GHS label elements: Not Applicable
  · Hazard pictograms: Not Applicable
  · Signal word: Not Applicable
  · Hazard statements: Not Applicable
  · Additional information: Restricted to professional users.

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

3 Composition/information on ingredients

· Chemical characterization: Mixtures

  · Chemical components:
    64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic 80-100%

  · Additional information: For the wording of the listed hazard phrases refer to section 16.
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: Immediately wash with water and soap and rinse thoroughly.
  - 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: If symptoms persist consult doctor.
  - Information for doctor: Treat Symptomatically
    - Most important symptoms and effects, both acute and delayed See section 11.
    - Indication of any immediate medical attention and special treatment needed
      No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    - CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
    - 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

- Environmental precautions: In case of seepage into the ground inform responsible authorities.
- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
- 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
    - Ensure good ventilation/exhaustion at the workplace.
    - Open and handle receptacle with care.
    - Prevent formation of aerosols.
Trade name: CPS Pro Set Vacuum Pump Oil

- Information about protection against explosions and fires:
  Keep respiratory protective device available.

- 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: Not required.
    - Further information about storage conditions: None.

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

8 Exposure controls/personal protection

- 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:
      Keep away from foodstuffs, beverages and feed.
      Immediately remove all soiled and contaminated clothing.
      Store protective clothing separately.
    - Breathing equipment:
      In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
    - Protection of hands:
      Chemical resistant protective gloves

- 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: Liquid
      - Color: colorless to pale yellow
      - Odor: Characteristic

(Contd. on page 2)
## Trade name: CPS Pro Set Vacuum Pump Oil

- **Trade name:** CPS Pro Set Vacuum Pump Oil

### 44.4.3 · Odor threshold:
- Not determined.

### 44.4.3 · pH-value:
- Not determined.

### 44.4.3 · Change in condition
- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.

### 44.4.3 · Flash point:
- >205 °C

### 44.4.3 · Flammability (solid, gaseous):
- Not applicable.

### 44.4.3 · Ignition temperature:

### 44.4.3 · Decomposition temperature:
- Not determined.

### 44.4.3 · Auto igniting:
- Product is not selfigniting.

### 44.4.3 · Danger of explosion:
- Product does not present an explosion hazard.

### 44.4.3 · Explosion limits:
- **Lower:** Not determined.
- **Upper:** Not determined.

### 44.4.3 · Vapor pressure:
- Not determined.

### 44.4.3 · Density:
- **Relative density at 20 °C:** 0.855-0.863
- **Vapor density:** Not determined.
- **Evaporation rate:** Not determined.

### 44.4.3 · Solubility in / Miscibility with
- **Water:** Not miscible or difficult to mix.

### 44.4.3 · Partition coefficient (n-octanol/water):
- Not determined.

### 44.4.3 · Viscosity:
- **Dynamic:** Not determined.
- **Kinematic at 40 °C:** 46 cSt

### 44.4.3 · Other information
- No further relevant information available.

## 10 Stability and reactivity

### 10.1 Reactivity
- No further relevant information available.

### 10.2 Chemical stability
- **Thermal decomposition / conditions to be avoided:** Stable at ambient temperature.

### 10.3 Possibility of hazardous reactions
- No dangerous reactions known.

### 10.4 Conditions to avoid
- Oxidizing agents
- Heat, open flames, sparks.

### 10.5 Incompatible materials
- No further relevant information available.
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - 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:
    The product shows the following dangers according to internally approved calculation methods for preparations:
    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.

<table>
<thead>
<tr>
<th>Source</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC (International Agency for Research on Cancer)</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>NTP (National Toxicology Program)</td>
<td>None of the ingredients is listed.</td>
</tr>
<tr>
<td>OSHA-Ca (Occupational Safety &amp; Health Administration)</td>
<td>None of the ingredients is listed.</td>
</tr>
</tbody>
</table>

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
  - Bioaccumulative potential No further relevant information available.
  - Mobility in soil Not Determined
- Additional ecological information:
  - General notes:
    Water hazard class 2 (Self-assessment): hazardous for water
    Do not allow product to reach ground water, water course or sewage system.
    Danger to drinking water if even small quantities leak into the ground.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation: Smaller quantities can be disposed of with household waste.
Trade name: CPS Pro Set Vacuum Pump Oil

14 Transport information

<table>
<thead>
<tr>
<th>· UN-Number</th>
<th>DOT, ADR, IMDG, IATA</th>
<th>Not Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>· UN proper shipping name</td>
<td>DOT, IMDG, IATA</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>· Transport hazard class(es)</td>
<td>DOT, IMDG, IATA</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>· Packing group</td>
<td>DOT, IMDG, IATA</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>· Environmental hazards:</td>
<td></td>
<td>Not applicable.</td>
</tr>
<tr>
<td>· Special precautions for user</td>
<td></td>
<td>Not applicable.</td>
</tr>
<tr>
<td>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>· UN &quot;Model Regulation&quot;:</td>
<td></td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

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): |
| All ingredients are 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. |
| · Chemicals known to cause reproductive toxicity for males: |
| None of the ingredients is listed. |
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· 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.

· Canadian substance listings:
  - Canadian Domestic Substances List (DSL)
    All ingredients are listed.
  - Canadian Ingredient Disclosure list (limit 0.1%)
    None of the ingredients is listed.
  - Canadian Ingredient Disclosure list (limit 1%)
    None of the ingredients is listed.

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 04/MAY/2017
  · Revision Changes: v 1.0 - initial SDS release (04/MAY/2017)

· 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
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  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)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety & Health