1. Product Identification

Champion Brands, LLC  
1001 Golden Drive  
Clinton, MO 64093  
(660) 885-8151

Product line: CHAMPION ® ULTRAFLEET Synthetic 5W-40  
Products: 4164  
CAS: Not applicable (Mixture)  
Synonyms: Heavy Duty Diesel Engine Oil  
Recommended use: Engine Crankcase Oil  
Restrictions: None determined  
Created: 9 February 2018  
Revised: 25 November 2019  
Emergency phone: CHEMTREC: (+1) 800-424-9300

2. Hazards Identification

Appearance: Blue liquid  
Odor: Mild Petroleum  
Classification: This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)  
Target organs: Not Determined  
Symbol(s): None  
Signal Word: None  
Hazard Statement(s): Product will burn, though difficult to ignite. This product produces oil sheen on bodies of water. Mists of sprays of this product may be harmful if inhaled. Product contains components which are harmful to environment and may cause skin or eye irritation, but at concentrations below GHS classification criteria. Used crankcase oil may contain carcinogenic combustion by-products.  
Other hazard(s):

Precaution(s): Avoid breathing vapors/mist/spray (P260). Wear protective gloves/protective clothing/eye protection (P280). Contaminated work clothing should not be allowed out of the workplace (P272). If skin irritation or a rash occurs: Get medical advice (P33+313). Avoid release to the environment (P273).
Disposal: Keep out of waterways. Check local, national, and international regulations for proper disposal.

3. Composition/Information on Ingredients

Hazardous Ingredients:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Conc (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Oil</td>
<td>Mixture</td>
<td>60 – 100</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Eyes
Flush eyes with running water for at least 15 minutes. Get medical attention if irritation persists.

Skin
Flush exposed area with running water for at least 15 minutes. Remove contaminated clothing and launder before reuse. To remove material from skin, use waterless hand cleaner, mineral oil, or petroleum jelly. Get medical attention if irritation persists or if signs of an allergic reaction appear.

Inhalation
Move to fresh air. If nausea or other symptoms persist, get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention immediately.

Ingestion
DO NOT INDUCE VOMITING, unless directed to do so by medical personnel. If conscious, give one glass of water. Get medical attention if symptoms occur.

Additional Info
Note to physician: Treat symptomatically. Contact poison control for more information.

5. Fire Fighting Measures

Flash Point
172°C / 341°F (based on flammability of components)

NFPA
Health: 1 Fire: 1 Reactivity: 0

Extinguishing Media
Use water spray, fog, foam, dry chemical or CO₂

Unsuitable Media
Water jet may cause fire to spread

Firefighting Procedures: Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear

Unusual Hazards
See section 10 for additional information
6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Keep unnecessary personnel away. Wear appropriate personal protective equipment for emergency. Ventilate if released in a confined area. Eliminate sources of ignition if it is safe to do so. Wear suitable personal protective equipment and stop the spread of material will adsorbent or socks if safe to do so.

Environmental precautions: Avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways or groundwater. Produces oil sheen on waterways. Toxic to aquatic organisms

Methods for removal: Use a pump or bucket to recover free liquid. Residual liquid can be absorbed on inert material. Use non-sparking tools.

7. Handling and Storage

Max. Handling Temp: 70°C / 158°F

Procedures: Open container in a cool, well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Use appropriate containment to avoid environmental contamination. Avoid use in confined areas without adequate ventilation. Areas of inadequate ventilation could contain concentrations high enough to cause eye irritation, headaches, respiratory discomfort or nausea. Avoid breathing dust, fume, gas, mist, vapors, or spray. Wash thoroughly After handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of the product. Dispose of packaging or containers in accordance with local, regional, national, and international regulations. Store away from strong oxidizers

Max Store Temp: 40°C / 104°F

8. Exposure Controls/Personal Protection

Exposure Limits
Guidelines by component
Mineral Oil (mists)
OSHA TWA: 5 mg/m3
ACGIH TWA: 5 mg/m3
TWA (Canada) 5 mg/m3
STEL (Canada) 10 mg/m3
EH40-MEL 5 mg/m3, 8 hours
NOHSC 5 mg/m3, 8 hours

Other Exposure Limits:  None known

Engineering Controls:  Use in a well ventilated area. Where possible, cover sources of oil sprays and mists with adsorbent cloth to minimize exposure to mineral oil mists. Keep concentrations of mist below exposure limits

Personal Protective Equipment
Respiratory:  Where mineral oil mists are generated – use full face respirator with organic vapor cartridge.

Eye:  Wear safety glasses where splashing or splattering may occur

Gloves:  Use nitrile or neoprene gloves. If material is hot, use appropriately insulated gloves.

Clothing:  Use neoprene or nitrile gloves. When handling at elevated temperatures, use insulated apron or coat. Launder contaminated clothing before reuse

Hygiene:  Wash thoroughly after handling this product.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild Petroleum</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Initial Boiling Pt/Rng</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash Point</td>
<td>172°C / 341°F (estimated based on components)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Upper Flammable Lm</td>
<td>Not determined</td>
</tr>
<tr>
<td>Lower Flammable Lm</td>
<td>Not determined</td>
</tr>
<tr>
<td>Explosive Data</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Volatile Organics</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density</td>
<td>0.9 mg/cu. cm @15.6°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water, alcohols; soluble in organics</td>
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</tbody>
</table>
Safety Data Sheet  CHAMPION® ULTRAFLEET Synthetic 5W-40

Revised: 11/25/2019  Page 5

K\textsubscript{ow}  Not determined
Viscosity 14 cSt @ 100°C
Autoignition Point Not determined
Decomposition Temp Not determined

10. Stability and Reactivity

Stability Material is normally stable at normal temperatures and pressures
Decomposition Temp Not determined
Incompatibility Oxidizers and reducers
Polymerization Will not occur
Thermal Decomposition Smoke, oxides of carbon, nitrogen, phosphorous, boron, sulfur, and metals. May also generate hydrogen sulfide and alkyl mercaptans if stored for extended periods of time at elevated temperatures
Conditions to Avoid Keep away from heat, flames, strong oxidizers and strong reducing agents

11. Toxicological Information

- Acute Exposure –
Eye Irritation Not available
Skin Irritation Not available
Respiratory Irritation Not available
Dermal Toxicity Not available
Inhalation Toxicity Not available
Oral Toxicity Not available
Aspiration Hazard This product has a viscosity which makes it unlikely to present a classifiable hazard by aspiration, but one component of this product is a classifiable aspiration hazard. Exercise caution and avoid inducing vomiting unless directed to do so by a physician.

- Chronic Exposure –
Chronic Toxicity Not available
Carcinogenicity No known significant effects or critical hazards
Mutagenicity No known significant effects or critical hazards
Reproductive Toxicity No known significant effects or critical hazards
Teratogenicity No known significant effects or critical hazards
12. Ecological Information

- Environmental Toxicity –
  Miscellaneous
  No LD/LC/EC50 data was collected for this product. Some components of this product are considered chronic toxicants to aquatic life, though at concentration that is not sufficient to require classification as a marine pollutant or aquatic toxicant.

- Environmental Fate –
  Biodegradation
  The petroleum oil in this product is not readily biodegradable, but can be broken down by microorganisms and is therefore considered to be inherently biodegradable. Some components of this product may persist in the environment.

  Bioaccumulation
  The petroleum oil in this product has a $K_{ow}$ greater than 5.3 and is regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce this potential.

  Soil Mobility
  This product is expected to have low soil mobility due to very low water solubility and low vapor pressure. Petroleum oils adsorb to soil and sediment. Once adsorbed, the product is expected to adhere to soil until it is slowly biodegraded.

  Other Effects
  Product will produce oil sheen and float on the surface of bodies of water. The product will spread across the surface as a function of viscosity and velocities of water and surface wind.

13. Disposal Considerations

Disposal Considerations
All disposal practices must be in accordance with local, regional, national, and international regulations. Do not dispose in a landfill. Wherever possible, recycle product to used oil collection facilities in accordance with applicable regulations.

Contaminated Containers or Packaging
Dispose of packaging or containers in accordance with local, regional, national, and international regulations.

14. Transportation Information

Description shown may not apply to all shipping situations. Consult applicable shipping codes to determine any additional shipping requirements.

US DOT
Not Regulated
*If shipped by land in a packaging having a capacity of 3,500 gallons or more, the provisions of 49 CFR, Part 130 apply. (Contains oil)

UN No
Not applicable
UN Proper Name          Not applicable
UN Class               Not applicable
Packing Group          Not applicable
Marine Pollutant       *Yes
*Product contains petroleum oil which may be classified as a marine pollutant under
MARPOL Annex I under certain shipping conditions

IMDG                    Not Regulated
*U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23 & 25. If
transported in bulk by marine vessel in international waters, product is being
carried under the scope of MARPOL Annex I.

ICAO/IATA               Not Regulated
*U.S. DOT compliance requirements may apply. See 49 CFR 171.22, 23, & 24.

15. Regulatory Information

- Global Chemical Inventories –
USA                     All components of this material are on the US TSCA or are exempt
Other TSCA Reg.         None known
EU                      Components of this product comply with EU 7th Amendment
                        and are approved for EU sales. Records must be maintained
                        and reported to EU only registrants if product is imported to
                        the EU. Third party importers are asked to report every EU
                        import to Champion Brands, LLC.
New Zealand             All components are listed or exempted
Canada                  All components are in compliance with the Canadian
                        Environmental Protection Act and are present on the
                        Domestic Substances List

- Other U.S. Federal Regulations –
SARA Ext. Haz. Subst.   This product does not contain greater than 1.0% of any
                        chemical on the SARA Extremely Hazardous Substances list.
SARA Sect. 311/312      Acute Hazard - NO (Nuisance Mist/Dust Only)
                        Chronic Hazard - NO
                        Fire Hazard - NO
                        Reactivity Hazard - NO
CERCLA                  None known
EPCRA                   Zink dialkyldithiosphosphate (CAS # 68649-42-3)

- State Regulations –
CA Prop 65              No products found
### Right to Know Component

<table>
<thead>
<tr>
<th>Right to Know Component</th>
<th>Right to Know States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc dialkyldithiophosphate (CAS # 68649-42-3)</td>
<td>NJ</td>
</tr>
</tbody>
</table>

### 16. Other Information

Revision updates may be in many sections and the MSDS should be read in its entirety. Prepared according to the UN Globally Harmonized System for the Classification and Labeling of Chemicals (GHS) by Champion LLC, 1001 Golden Drive, Clinton, Missouri 64735.

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