Protec Aquaglide 340

**Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protec Aquaglide 340</td>
<td>4340A</td>
</tr>
</tbody>
</table>

**Material Uses**

Synthetic Grinding Coolant

**Supplier/Manufacturer**

U.S. Lubricants  
A Division of U.S. Venture, Inc.  
425 Better Way  
Appleton, WI 54915  
Phone: 920.735.8298

**CAS Registry Number** Not applicable for mixtures

**Chemical Family**

**Preparation/Revision Date** 1/2015

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**Section 2. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS #</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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**Section 3. HAZARDS IDENTIFICATION**

Principal Hazard(s):

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**Section 4. FIRST AID MEASURES**

**Oral**: Do not induce vomiting. If spontaneous vomiting occurs hold the victim's head lower than hips to prevent aspiration.

**Eye**: Flush thoroughly with water for at least 15 minutes. Get medical attention.

**Skin**: Remove contaminated clothing. Wash affected areas with soap and water. If irritation occurs, get medical help.

**Inhalation**: Remove to fresh air. Apply artificial respiration if not breathing. Get medical attention.

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**Section 5. FIRE FIGHTING MEASURES**

**Flash Point**: None-Contains water.

**Upper Flammable Limit**: Not Determined

**Lower Flammable Limit**: Not Determined

**Extinguishing Media**: Dry chemical, foam, carbon dioxide or water spray.
Special Firefighting Procedures: Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool. Firefighters should wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards:
May ignite when sufficient heat is applied.

Section 6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Remove sources of heat or ignition including internal combustion engines and power tools. Remove spill with vacuum trucks or pump and soak up residue with and absorbent. Use approved respirator where occupational exposure limits may be exceeded.

Section 7. HANDLING AND STORAGE

Handling Procedures: Keep away from potential sources of ignition. Avoid breathing vapors if present. Keep containers closed when not in use. Wash thoroughly after handling. Make sure that proper warning labels are affixed in accordance with 29 CFR 1910.1200. Use good personal hygiene around product. Do not smoke or eat around product.

Storage Procedures: Store in tightly closed containers in and dry cool place, away from sources of heat, ignition or strong oxidizers. Ground and bond all transfer and storage equipment and equip with self closing valves, pressure vacuum bungs and flame arrestors.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Procedures: Provide adequate ventilation to keep mist or vapors below occupational exposure levels.

Glove Protection: Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection: Remove contact lenses and wear chemical safety goggles where contact with liquid or mist may occur.

Respiratory Protection: Use approved respiratory protective equipment for cleaning large spills or entry into large tanks, vessels or other confined spaces or in situations where exposure may exceed occupational exposure levels.

Clothing Recommendation: Use a chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point 760 mmHg:</td>
<td>212 F</td>
<td>Freeze Point 0F</td>
<td>N.A.</td>
</tr>
<tr>
<td>Vapor Pressure mmHg @ 100F:</td>
<td>N.A.</td>
<td>Vapor Density (air=1):</td>
<td>N.A.</td>
</tr>
<tr>
<td>Solubility in H2O %:</td>
<td>Complete</td>
<td>pH:</td>
<td>9.0 – 9.4</td>
</tr>
<tr>
<td>Specific Gravity (H2O):</td>
<td>1.05</td>
<td>Evaporation Rate (ethyl ether =1):</td>
<td>N.A.</td>
</tr>
<tr>
<td>% Volatile by Volume:</td>
<td>N.A.</td>
<td>Odor:</td>
<td>Slight amine odor</td>
</tr>
<tr>
<td>Viscosity (method, temp):</td>
<td>N.A.</td>
<td>Appearance:</td>
<td>Pale Liquid</td>
</tr>
</tbody>
</table>

Section 10. STABILITY AND REACTIVITY

Stability: Stable
Incompatibility: Strong oxidizing agents.
Hazardous Polymerization: Will not occur.
Thermal Decomposition: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
Section 11. TOXICOLOGICAL INFORMATION

**Oral Toxicity:** Not Determined.

**Eye Irritation:** The components of this product are believed to be minimally irritating.

**Skin Irritation:** The components of this product are believed to be minimally irritating.

**Inhalation Toxicity:** The inhalation hazards of this product’s components are negligible to minimally irritating if airborne concentrations are kept below permissible occupational exposure limits.

**Dermal Sensitivity:** The components of this product are believed to be minimally irritating.

**Inhalation Sensitivity:** The inhalation hazards of this product’s components are negligible to minimally irritating if airborne concentrations are kept below permissible occupational exposure limits.

**Chronic Toxicity:** Frequent or prolonged contact may cause skin irritation.

**Carcinogenicity:** NTP: No

**Other:** May aggravate pre-existing dermatitis. The International Agency for Research on Cancer (IARC) has not listed this product as a carcinogen.

Section 12. ECOLOGICAL INFORMATION

No Data Given.

Section 13. TRANSPORTATION INFORMATION

**U. S. DOT Shipping Name:** Not regulated by DOT

**Hazard Class:** Not applicable

**DOT Identification Number:** Not applicable

**DOT Shipping Label:** Not regulated by DOT

Section 14. WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL:** Dispose through a licensed waste disposal company. Follow federal, state and local regulation.

Section 15. REGULATORY INFORMATION

**U. S. TSCA Inventory:** All components of this product are listed on the TSCA Inventory.

**SARA 302 Threshold Planning Quantity:** No RQ for product or any constituent greater than 1.0% or 0.1% (carcinogen).

**SARA 304 Reportable Qty:** No RQ for product or any constituent greater than 1.0% or 0.1% (carcinogen).

**SARA 311 Categories: EPA Hazard Classification Code**

<table>
<thead>
<tr>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
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</table>

**SARA 313 Supplier Notification:**
This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substances) of any chemical substances listed under SARA Section 313.

**CERCLA Hazardous Substances:**
No chemicals in this product are subject to the reporting requirements of CERCLA.
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HEALTH = 1  FIRE = 0  REACTIVITY = 0  PP = B
Rating: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme

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