SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier
GHS Product Identifier: Not applicable.
Chemical Name: Not applicable.
Trade name: e-Bike Lube
CAS No.: Mixture
EINECS No.: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified use(s): Lubricant
Uses advised against: None.

1.3 Details of the supplier of the safety data sheet
50 Wireless Blvd.
Hauppauge, NY 11788
USA
Telephone: +1 (631) 666-7300
Fax: +1 (631) 666-7391
E-Mail (competent person): SDSinfo@finishlineusa.com
Only Representative: Experien Chemical Services (Europe) Limited
PO Box 170
Thirsk YO7 9AN UK
Telephone: +44 7791 573385 (UK 9am to 5pm)

1.4 Emergency telephone number
Emergency Phone No.: Medical Emergency: PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304
Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Asp. Tox. 1; H304
Xn; R65

2.2 Label elements
Hazard Symbol

Signal word(s)
Danger

Hazard statement(s)
H304: May be fatal if swallowed and enters airways.
EUH208: Contains: Sulfonic acids, petroleum, calcium salts. May cause an allergic skin reaction.

Precautionary statement(s)
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331: Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P102: Keep out of reach of children.

2.3 Other hazards
None
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated light</td>
<td>50-85</td>
<td>265-149-8 64742-47-8</td>
<td>Asp. Tox. 1; H304</td>
<td>Xn; R65</td>
</tr>
<tr>
<td>1,2-Propanediol</td>
<td>5-15</td>
<td>200-338-0 57-55-6</td>
<td>Not Classified</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Sulfonic acids, petroleum, calcium salts</td>
<td>&lt;0.6</td>
<td>263-093-9 61789-86-4</td>
<td>Skin Sens. 1B; H317</td>
<td>Xn; R43</td>
</tr>
</tbody>
</table>

^ Not yet subject to REACH registration

For full text of H/P phrases see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.

Ingestion Do not induce vomiting wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

Aspiration of liquid may cause pulmonary oedema.

4.3 Indication of the immediate medical attention and special treatment needed

None

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

-Suitable Extinguishing Media Extinguish with carbon dioxide, dry chemical, foam or waterspray.

-Uncsuitable Extinguishing Media Do not use water jet.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.
### SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions, protective equipment and emergency procedures**

Wear protective gloves/eye protection.

6.2 **Environmental precautions**

Prevent substance entering sewers.

6.3 **Methods and material for containment and cleaning up**

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

6.4 **Reference to other sections**

None

### SECTION 7: HANDLING AND STORAGE

7.1 **Precautions for safe handling**

Avoid contact with skin and eyes. When using do not eat, drink or smoke.

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

- **Storage Temperature**
  Store at room temperature.

- **Incompatible materials**
  Strong oxidising agents.

7.3 **Specific end use(s)**

Lubricant

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **Control parameters**

8.1.1 **Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal and branched chain alkanes ≥C7</td>
<td>Mixture</td>
<td>-----</td>
<td>1200</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
<tr>
<td>Cycloalkanes ≥C7</td>
<td>Mixture</td>
<td>-----</td>
<td>800</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
<tr>
<td>1,2-Propanediol</td>
<td>57-55-6</td>
<td>150</td>
<td>474</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Biological limit value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUBSTANCE.</td>
</tr>
<tr>
<td>None known</td>
</tr>
</tbody>
</table>

8.1.2 **Recommended monitoring method**

NIOSH 5523 (Glycols); NIOSH 1550 (Naphthas)

8.2 **Exposure controls**

8.2.1 **Appropriate engineering controls**

Ensure adequate ventilation.

8.2.2 **Personal protection equipment**

- **Eye/face protection**
  Wear chemical resistant protective eye glasses.

- **Skin protection (Hand protection/ Other)**
  Wear protective gloves.(Nitrile rubber)

- **Respiratory protection**
  Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards
Not normally required.

8.2.3 Environmental Exposure Controls
None assigned.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Colourless
- Odour: Not available
- Odour Threshold (ppm): Not available
- pH (Value): Not available
- Melting Point (°C) / Freezing Point (°C): Not available
- Boiling point/boiling range (°C): Not available
- Flash Point (°C): 96 (Distillates (petroleum), hydrotreated light)
- Evaporation rate: Not available
- Flammability (solid, gas): Not available
- Explosive limit ranges: Not available
- Vapour Pressure (Pascal): 0.009 (Distillates (petroleum), hydrotreated light)
- Vapour Density (Air=1): Not available
- Density (g/ml): ca. 0.8
- Solubility (Water): Slightly soluble.
- Solubility (Other): Not available
- Partition Coefficient (n-Octanol/water): Not available
- Auto Ignition Temperature (°C): 247 (Distillates (petroleum), hydrotreated light)
- Kinematic Viscosity (cP): Not available
- Decomposition Temperature (°C): Not available
- Explosive properties: Not explosive.
- Oxidising properties: Not oxidising.

9.2 Other information
Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Stable under normal conditions.

10.2 Chemical stability
Stable.

10.3 Possibility of hazardous reactions
None anticipated.

10.4 Conditions to avoid
Avoid contact with heat and ignition sources.

10.5 Incompatible materials
Strong oxidising agents

10.6 Hazardous Decomposition Product(s)
None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances
Not applicable

11.1.2 Mixtures
No data

11.1.3 Substances in preparations / mixtures
Distillates (petroleum), hydrotreated light (CAS# 64742-47-8)

- Acute toxicity
  Oral: LD50 >15 g/kg-bw
  Dermal: LD50 >3 g/kg-bw

- Irritation/Corrosivity
  Repeated exposure may cause skin dryness or cracking.

- Sensitisation
  It is not a skin sensitisser.

- Repeated dose toxicity
  Not available

- Carcinogenicity
  No data. It is unlikely to present a carcinogenic hazard to man.
e-Bike Lube

Mutagenicity
There is no evidence of mutagenic potential.

Toxicity for reproduction
Not expected.

Sulfonic acids, petroleum, calcium salts (CAS# 61789-86-4):
Acute toxicity
Oral: LD50 >16 g/kg-bw

Irritation/Corrosivity
Not available

Sensitisation
May cause sensitization by skin contact.

Repeated dose toxicity
Not available

Carcinogenicity
No data. It is unlikely to present a carcinogenic hazard to man.

Mutagenicity
There is no evidence of mutagenic potential.

Toxicity for reproduction
Not expected.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
12.1.1 Substances in preparations / mixtures
Distillates (petroleum), hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:
Short term Not available
Long Term Not available

12.2 Persistence and degradability
Not available

12.3 Bioaccumulative potential
The product has low potential for bioaccumulation.

12.4 Mobility in soil
The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment
Not classified as PBT or vPvB.

12.6 Other adverse effects
None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Land transport (ADR/RID)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN number</td>
<td>Not classified as dangerous for transport.</td>
<td>Not classified as dangerous for transport.</td>
</tr>
</tbody>
</table>

14.2 Proper Shipping Name

14.3 Transport hazard class(es)

14.4 Packing Group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations
Regulation (EC) 689/2008 - Export/Import of Dangerous Chemicals No.
15.1.2 National regulations
Not established.

15.2 Chemical Safety Assessment
Not applicable

SECTION 16: OTHER INFORMATION

Additional Information: None

The following sections contain revisions or new statements: 1-16.

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2 / SECTION 3:

Hazard Statement(s)
- H304: May be fatal if swallowed and enters airways.
- H317: May cause an allergic skin reaction.

Risk Phrases
- R43: May cause sensitization by skin contact.
- R65: Harmful: may cause lung damage if swallowed.

Training advice: None.

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