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
Dry Lube Aerosol
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
Company Identification
Finish Line Technologies, Inc.
50 Wireless Blvd.
Hauppauge, NY 11788
USA
Telephone
+1 (631) 666-7300
Fax
+1 (631) 666-7391
E-Mail (competent person)
SDSinfo@finishlineusa.com
Distributor
Madison Cycles
8 Stanmore Hill
Stanmore, Middlesex, HA7 3BQ
United Kingdom
Telephone
+44 870 034 7226

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
Flam. Aerosol 1; Asp. Tox. 1; Skin Irrit. 2; STOT SE 3;
Aquatic Chronic 3

2.2 Label elements
Hazard Symbol

Signal word(s)
H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H412: Harmful to aquatic life with long lasting effects.

Hazard statement(s)

Precautionary statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331: Do NOT induce vomiting.
P410+P412: Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.
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>Hazardous ingredient(s)</th>
<th>%/W</th>
<th>EC No. and CAS#</th>
<th>According to Regulation (EC) No. 1272/2008 (CLP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>60-80</td>
<td>426260-76-6</td>
<td>Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 3; H412</td>
</tr>
</tbody>
</table>

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 give anything by mouth to an unconscious person. Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed
Will cause skin irritation. Vapours may cause drowsiness and dizziness.

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.
- Unsuitable Extinguishing Media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture
Highly flammable vapour (flash point below 23°C).

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
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only.

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
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only.

7.2 Conditions for safe storage, including any incompatibilities
- Storage Temperature: Keep container in a well-ventilated place. Store at temperatures not exceeding 38°C/100°F.
- Incompatible materials: None

7.3 Specific end use(s)
Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTE (8 hr TWA mg/m³) | STEL (ppm) | STEL (mg/m³) | Note:
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>426260-76-6</td>
<td>-----</td>
<td>1800</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>142-82-5</td>
<td>500</td>
<td>2085</td>
<td>----</td>
<td>----</td>
<td>EU - IOEL</td>
</tr>
</tbody>
</table>

Biological limit value

<table>
<thead>
<tr>
<th>Limit value type (country of origin)</th>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>Biological limit value</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known</td>
<td>None</td>
<td>--------</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

8.1.2 Recommended monitoring method
UK HSE Method 96 (n-Heptane)

8.2 Exposure controls

8.2.1 Appropriate engineering controls
Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.
8.2.2 Personal protection equipment

Eye/face protection  Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)  Wear suitable gloves if prolonged skin contact is likely (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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Petroleum spirit</td>
</tr>
<tr>
<td>Odour Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>-104 (Propane)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Extremely flammable</td>
</tr>
<tr>
<td>Explosive limit ranges</td>
<td>2.1% - 9.5% v/v (Propane)</td>
</tr>
<tr>
<td>Vapour Pressure (Pascal)</td>
<td>ca. 95 x 10⁴ (Propane)</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>ca. 1.56 @ 0°C (Propane)</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>450 (Propane)</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity (cP@ 40°C)</td>
<td>&lt;20.5</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not oxidising.</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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 Acids.

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

Acute toxicity Not available
Skin corrosion/irritation Not available
Serious eye damage/irritation Not available
Respiratory or skin sensitization Not available
Germ cell mutagenicity Not available
Carcinogenicity Not available
Reproductive toxicity Not available
STOT - single exposure Not available
STOT - repeated exposure Not available
Aspiration hazard Not available

11.1.3 Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Acute toxicity
Oral: LD50 >5 g/kg-bw
Dermal: LD50 >2 g/kg-bw
Inhalation: LC50 = 65 - 103 mg/L (Vapour), 4-hr. rat

Skin corrosion/irritation
Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation
May cause eye irritation.

Respiratory or skin sensitization
It is not a skin sensitiser.

Germ cell mutagenicity
Not to be expected.

Carcinogenicity
Not to be expected.

Reproductive toxicity
Not to be expected.

STOT - single exposure
May cause drowsiness or dizziness.

STOT - repeated exposure
Not to be expected.

Aspiration hazard
Aspiration of droplets may cause pulmonary oedema.

Propane (CAS# 74-98-6):

Acute toxicity
Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)

Skin corrosion/irritation
Not to be expected.

Serious eye damage/irritation
Not to be expected.

Respiratory or skin sensitization
It is not a skin sensitiser.

Germ cell mutagenicity
Not to be expected.

Carcinogenicity
Not to be expected.

Reproductive toxicity
Not to be expected.

STOT - single exposure
Not to be expected.

STOT - repeated exposure
Not to be expected.

Aspiration hazard
Aspiration of droplets may cause pulmonary oedema.

11.2 Other information
None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Short term
LL50 (96 hour): >13.4 mg/L (Oncorhynchus mykiss)
EL50 (48 hour): 3 mg/l (Daphnia magna, mobility)
EC50 (96 hour): 13 mg/l (Pseudokirchnerella subcapitata)
Dry Lube Aerosol

Long Term

12.2 Persistence and degradability
LOEC (21 days): 0.32 mg/l (Daphnia magna)
Readily biodegradable.

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

陆上运输 (ADR/RID)
海上运输 (IMDG)
空中运输 (ICAO/IATA)

14.1 UN number
1950
1950
1950

14.2 Proper Shipping Name
Aerosols
Aerosols
Aerosols

14.3 Transport hazard class(es)
2.1
2
2.1

14.4 Packing Group
Not applicable
Not applicable
Not applicable

14.5 Environmental hazards
None assigned
None assigned
None assigned

14.6 Special precautions for user
None assigned
None assigned
None assigned

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

<table>
<thead>
<tr>
<th>Regulation (EC)</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2037/2000 - Dangerous to the ozone layer.</td>
<td>No.</td>
</tr>
<tr>
<td>850/2004 - Persistent Organic Pollutants</td>
<td>No.</td>
</tr>
<tr>
<td>689/2008 - Export/Import of Dangerous Chemicals</td>
<td>No.</td>
</tr>
<tr>
<td>1907/2006 - REACH Authorisations and/or restrictions on use</td>
<td>No.</td>
</tr>
</tbody>
</table>

15.1.2 National regulations
Not established.

15.2 Chemical Safety Assessment
Not applicable

SECTION 16: OTHER INFORMATION

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

Hazard statement(s) and Precautionary statement(s):
- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H412: Harmful to aquatic life with long lasting effects.

GHS Classification
- Flam. Aerosol 1: Extremely flammable aerosol. Category 1
- Asp. Tox. 1: Aspiration hazard Category 1
- Skin Irrit. 2; Skin corrosion/irritation Category 2
- STOT SE 3; Specific target organ toxicity — single exposure Category 3
- Aquatic Chronic 3; Chronic aquatic toxicity, Category 3

Training advice: None.

Additional Information: None.
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