



# Dry Lube Liquid

## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

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

|  |  |
|--|--|
| <b>1.1 Product identifier</b>  |  |
| GHS Product Identifier   | Not applicable.  |
| Chemical Name  | Not applicable.  |
| Trade name   | Dry Lube Liquid  |
| CAS No.  | Mixture  |
| EINECS No.   | Mixture  |
| <b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b> |  |
| Identified use(s)  | Lubricant  |
| Uses advised against   | None.  |
| <b>1.3 Details of the supplier of the safety data sheet</b>                              |  |
| Company Identification   | Finish Line Technologies, Inc.<br>50 Wireless Blvd.<br>Hauppauge, NY 11788<br>USA  |
| Telephone  | +1 (631) 666-7300  |
| Fax  | +1 (631) 666-7391  |
| E-Mail (competent person)  | <a href="mailto:SDSinfo@finishlineusa.com">SDSinfo@finishlineusa.com</a>   |
| Distributor  | Madison Cycles<br>8 Stanmore Hill<br>Stanmore, Middlesex, HA7 3BQ<br>United Kingdom  |
| Telephone  | +44 870 034 7226   |
| <b>1.4 Emergency telephone number</b>  |  |
| Emergency Phone No.  | <b>Medical Emergency:</b> PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304<br><br><b>Transportation Emergency:</b> CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted) |

### SECTION 2: HAZARDS IDENTIFICATION

|   |   |
|---|---|
| <b>2.1 Classification of the substance or mixture</b> |   |
| Regulation (EC) No. 1272/2008 (CLP).                  | Flam. Liq. 2; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1; Aquatic Chronic 3  |
| <b>2.2 Label elements</b>                             |   |
| Hazard Symbol   |   |
| Signal word(s)  | <b>Danger</b>   |
| Hazard statement(s)                                   | H225: Highly flammable liquid and vapour.<br>H304: May be fatal if swallowed and enters airways.<br>H315: Causes skin irritation.<br>H336: May cause drowsiness or dizziness.<br>H412: Harmful to aquatic life with long lasting effects. |



# Dry Lube Liquid

Precautionary statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P264: Wash (hands and exposed skin) thoroughly after handling.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

P102: Keep out of reach of children.

## 2.3 Other hazards

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Regulation (EC) No. 1272/2008 (CLP).

| Hazardous ingredient(s)              | %W/W  | EC No. and CAS#     | According to Regulation (EC) No. 1272/2008 (CLP)   |
|--------------------------------------|-------|---------------------|--|
| Heptane, branched, cyclic and linear | 60-90 | None<br>426260-76-6 | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Aquatic Chronic 3; H412 |

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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

### 4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Will cause skin irritation. Vapours may cause drowsiness and dizziness.

### 4.3 Indication of the immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

-Suitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.



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-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. Take precautionary measures against static discharges. Avoid contact with skin and eyes.

### 6.2 Environmental precautions

Prevent liquid entering sewers, basements and workpits.

### 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 in a cool, well ventilated place.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidising chemicals.

### 7.3 Specific end use(s)

Lubricant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

| SUBSTANCE.                           | CAS No.     | LTCL (8 hr TWA ppm) | LTCL (8 hr TWA mg/m³) | STEL (ppm) | STEL (mg/m³) | Note:     |
|--------------------------------------|-------------|---------------------|-----------------------|------------|--------------|-----------|
| Heptane, branched, cyclic and linear | 426260-76-6 | ----                | 1800                  | ----       | ----         | UK - EH40 |
| n-Heptane                            | 142-82-5    | 500                 | 2085                  | ----       | ----         | EU - IOEL |

| Biological limit value               |            |         |                        |       |
|--------------------------------------|------------|---------|------------------------|-------|
| Limit value type (country of origin) | SUBSTANCE. | CAS No. | Biological limit value | Note: |
| None known                           | None       | -----   | None                   | None  |

#### 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.



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### 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



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                                    | Petroleum spirit                           |
| Odour Threshold (ppm)                    | Not available                              |
| pH (Value)                               | Not available                              |
| Melting Point (°C) / Freezing Point (°C) | Not available                              |
| Boiling point/boiling range (°C):        | >90 (Heptane, branched, cyclic and linear) |
| Flash Point (°C)                         | -9 (Heptane, branched, cyclic and linear)  |
| Evaporation rate                         | Not available                              |
| Flammability (solid, gas)                | Highly flammable                           |
| Explosive limit ranges                   | Not available                              |
| Vapour Pressure (Pascal)                 | Not available                              |
| Vapour Density (Air=1)                   | Not available                              |
| Density (g/ml)                           | Not available                              |
| Solubility (Water)                       | Not available                              |
| Solubility (Other)                       | Not available                              |
| Partition Coefficient (n-Octanol/water)  | Not available                              |
| Auto Ignition Temperature (°C)           | Not available                              |
| Decomposition Temperature (°C)           | Not available                              |
| Kinematic Viscosity (cP @ 40°C)          | <20  |
| 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



# Dry Lube Liquid

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<br>Dermal: LD50 >2 g/kg-bw<br>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.<br>- NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)<br>- LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects) |
| 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 ( <i>Oncorhynchus mykiss</i> )<br>EL50 (48 hour): 3 mg/l ( <i>Daphnia magna</i> , mobility)<br>EC50 (96 hour): 13 mg/l ( <i>Pseudokirchnerella subcapitata</i> ) |
| Long Term  | NOELR (28 days) 1.5 mg/l ( <i>Fish</i> ) QSAR<br>LOEC (21 days): 0.32 mg/l ( <i>Daphnia magna</i> )<br>NOEL (96 hour) 6.3 mg/l ( <i>Algae</i> )   |

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

Not available.

### 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.



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## SECTION 14: TRANSPORT INFORMATION

|   | Land transport<br>(ADR/RID) | Sea transport<br>(IMDG) | Air transport<br>(ICAO/IATA) |
|---|-----------------------------|-------------------------|------------------------------|
| 14.1 UN number  | 1206                        | 1206                    | 1206                         |
| 14.2 Proper Shipping Name   | Heptanes mixture            | Heptanes mixture        | Heptanes mixture             |
| 14.3 Transport hazard class(es)   | 3                           | 3                       | 3                            |
| 14.4 Packing Group  | II                          | II                      | II                           |
| 14.5 Environmental hazards  | No.                         | No.                     | No.                          |
| 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   | Listed           |
| Regulation (EC) 2037/2000 - Dangerous to the ozone layer.                   | No.              |
| Regulation (EC) 850/2004 - Persistent Organic Pollutants                    | No.              |
| Regulation (EC) 689/2008 - Export/Import of Dangerous Chemicals             | No.              |
| Regulation (EC) 1907/2006 - REACH Authorisations and/or restrictions on use | No.              |
| 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):

- H225: Highly flammable liquid and vapour.
- 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.

### GHS Classification

- Flam. Liq. 2; Flammable Liquid Category 2
- 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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