



e-Bike Lube

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

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	
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
Only Representative	Experien Chemical Services (Europe) Limited PO Box 170 Thirsk YO7 9AN UK +44 7791 573385 (UK 9am to 5pm)
Telephone	
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	
Regulation (EC) No. 1272/2008 (CLP). (Directive 67/548/EEC & Directive 1999/45/EC)	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

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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)	According to Directive 67/548/EEC & Directive 1999/45/EC
Distillates (petroleum), hydrotreated light	50-85	265-149-8 64742-47-8	Asp. Tox. 1;H304	Xn; R65
1,2-Propanediol	5-15	200-338-0 57-55-6	Not Classified	Not Classified
Sulfonic acids, petroleum, calcium salts	<0.6	263-093-9 61789-86-4	Skin Sens. 1B; H317	Xn; R43

^ 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.
-Unsuitable 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.

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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**

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Normal and branched chain alkanes ≥C7	Mixture	----	1200	----	----	UK - EH40
Cycloalkanes ≥C7	Mixture	----	800	----	----	UK - EH40
1,2-Propanediol	57-55-6	150	474	----	----	UK - EH40

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** 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.

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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)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cP)	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 sensitiser.

Repeated dose toxicity

Not available

Carcinogenicity

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

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Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	Not expected.
<u>Sulfonic acids, petroleum, calcium salts (CAS#61789-86-4):</u>	
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	
<u>Distillates (petroleum), hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:</u>	
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.
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SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number	Not classified as dangerous for transport.	Not classified as dangerous for transport.	Not classified as dangerous for transport.
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	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.

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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

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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