



Bicycle Teflon® Grease


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	Bicycle Teflon® Grease
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
UK Distributor	Madison Cycles 8 Stanmore Hill Stanmore, Middlesex, HA7 3BQ United Kingdom +44 870 034 7226
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).	Skin Sens. 1 Eye Irrit. 2 Aquatic Chronic 3
(Directive 67/548/EEC & Directive 1999/45/EC)	Xi; R36, R43 R52/53
2.2 Label elements	
Hazard Symbol	
Signal word(s)	Warning
Hazard statement(s)	H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.



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Precautionary statement(s)

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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)	According to Directive 67/548/EEC & Directive 1999/45/EC
Sulfonic acids, petroleum, calcium salts	5-10	263-093-9 61789-86-4	Skin Sens. 1B; H317	Xi; R43
calcium dodecylbenzenesulphonate	2-2.8	247-557-8 26264-06-2	Skin Irrit. 2; H315 Eye Dam. 1; H318	Xi;R38-41
N-1-naphthylaniline	<1	201-983-0 90-30-2	Acute Tox. 4; H302 Skin Sens. 1; H317 STOT RE 2; H373 Aquatic Chronic 1; H410	Xn; R22 R43 Xn;R48/22 N;R50-53

^ 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

May cause sensitization by skin contact.

4.3 Indication of the immediate medical attention and special treatment needed

None known



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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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Wear protective gloves/eye protection. Wash contaminated clothing before reuse.
- 6.2 Environmental precautions** Avoid release to the environment. 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

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 1550 (Naphthas)
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Ensure adequate ventilation.
- 8.2.2 Personal protection equipment**



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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	Paste
Colour	Amber
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)	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosive limit ranges	Not available
Vapour Pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	<1
Solubility (Water)	Insoluble
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)	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



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Not applicable

11.1.2 Mixtures

No data

11.1.3 Substances in preparations / mixtures

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

N-1-naphthylaniline, CAS# 90-30-2

Short term

LC50 = 0.44 mg/l(96 hour) (Oncorhynchus mykiss)

EC50 = 0.3 mg/l (48 hour) (Daphnia magna)

Long Term

Not available

12.2 Persistence and degradability

Not readily biodegradable.

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.

SECTION 14: TRANSPORT INFORMATION

	<u>Land transport (ADR/RID)</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
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		



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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

Classification of the substance or mixture

Directive 67/548/EEC & Directive 1999/45/EC:

Xi;R36-43, R52/53

Label elements

Hazard Symbol



Irritant.

Risk Phrases

R36: Irritating to eyes.
R43: May cause sensitization by skin contact.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S24: Avoid contact with skin.
S37: Wear suitable gloves.
S2: Keep out of the reach of children.

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)

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H410: Very toxic to aquatic life with long lasting effects.

Risk Phrases

- R22: Harmful if swallowed.
- R38: Irritating to skin.
- R41: Risk of serious damage to eyes.
- R43: May cause sensitization by skin contact.
- R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.
- R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Training advice: None.

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