



# Brake Fluid (DOT 5.1)

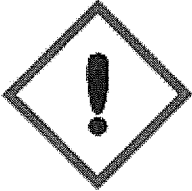
## SAFETY DATA SHEET

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	Brake Fluid (DOT 5.1)
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. 50 Wireless Blvd. Hauppauge, NY 11788 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>
UK Distributor	Madison Cycles 8 Stanmore Hill Stanmore, Middlesex, HA7 3BQ United Kingdom +44 870 034 7226
Telephone	
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304 & 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).	Eye Irrit. 2
(Directive 67/548/EEC & Directive 1999/45/EC)	Xi; R36
<b>2.2 Label elements</b>	
Hazard Symbol	
Signal word(s)	<b>WARNING</b>
Hazard statement(s)	H319: Causes serious eye irritation.
Precautionary statement(s)	P264: Wash (hands and exposed skin) thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention. P102: Keep out of reach of children.
<b>2.3 Other hazards</b>	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
2,5,8,11-Tetraoxatridecan-13-ol, mixed esters with boric acid	50-70	----- 176022-80-3	Eye Irrit. 2; H319	Xi; R36
2-(2-methoxyethoxy)ethanol	<1	203-906-6 111-77-3	Repr. 2; H361d	Xn; R63

## 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	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. 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      None known.

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.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures      Wear protective gloves/eye protection.



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- 6.2 Environmental precautions Avoid run off to waterways and 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
2-(2-methoxyethoxy)ethanol	111-77-3	10	50.1	-----	-----	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

### 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.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	Appearance	Liquid
	Colour	Amber
	Odour	Not available
	Odour Threshold (ppm)	Not available
	pH (Value)	7
	Melting Point (°C) / Freezing Point (°C)	<-50
	Boiling point/boiling range (°C):	>265
	Flash Point (°C)	>115
	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)	1.07
	Solubility (Water)	Miscible
	Solubility (Other)	Not available
	Partition Coefficient (n-Octanol/water)	Not available
	Auto Ignition Temperature (°C)	Not available
	Decomposition Temperature (°C)	Not available
	Kinematic Viscosity (cSt @40°C)	817
	Explosive properties	Not explosive.
	Oxidising properties	Not oxidising.
<b>9.2</b>	<b>Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	Stable under normal conditions.
<b>10.2</b>	<b>Chemical stability</b>	Stable.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	None anticipated.
<b>10.4</b>	<b>Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>10.5</b>	<b>Incompatible materials</b>	Strong oxidising agents
<b>10.6</b>	<b>Hazardous Decomposition Product(s)</b>	None known

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1</b>	<b>Information on toxicological effects</b>	
<b>11.1.1</b>	<b>Substances</b>	
	Not applicable	
<b>11.1.2</b>	<b>Mixtures</b>	
	No data	
<b>11.1.3</b>	<b>Substances in preparations / mixtures</b>	
	<u>2,5,8,11-Tetraoxatridecan-13-ol, mixed esters with boric acid –(CAS#176022-80-3)</u>	
	<b>Acute toxicity</b>	Not available
	<b>Irritation/Corrosivity</b>	Causes eye irritation.
	<b>Sensitisation</b>	It is not a skin sensitiser.
	<b>Repeated dose toxicity</b>	Not available
	<b>Carcinogenicity</b>	Not expected.
	<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
	<b>Toxicity for reproduction</b>	Not expected.



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## SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	
12.1.1	Substances in preparations / mixtures	
		<u>2,5,8,11-Tetraoxatridecan-13-ol, mixed esters with boric acid –(CAS#176022-80-3)</u>
	Short term	LC50 - 590mg/l (96 hour) (Rainbow trout)
	Long Term	Not available
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 (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.
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.
	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

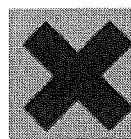
## SECTION 16: OTHER INFORMATION

### Classification of the substance or mixture

Directive 67/548/EEC & Directive 1999/45/EC: Xi; R36

### Label elements

Hazard Symbol



Irritant



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Risk Phrases

R36: Irritating to eyes.

Safety Phrases

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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 3:

**Hazard Statement(s)**

- H319: Causes serious eye irritation.
- H361d Suspected of damaging the unborn child.

**Risk Phrases**

- R36: Irritating to eyes.
- R63: Possible risk of harm to the unborn child.

**Training advice:** None.

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