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: Brake Fluid (DOT 5.1)
CAS No.: Mixture
EINECS No.: Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use(s): Automotive Brake Fluid
Uses advised against: None.

1.3 Details of the supplier of the safety data sheet

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.: 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

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP). Eye Irrit. 2

2.2 Label elements

Hazard Symbol: ! WARNING

Signal word(s): H319: Causes serious eye irritation.
Hazard 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.

2.3 Other hazards

None
Brake Fluid (DOT 5.1)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>%W/W</th>
<th>EC No. and CAS#</th>
<th>According to Regulation (EC) No. 1272/2008 (CLP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,5,8,11-Tetraoxatridecan-13-ol, mixed esters with boric acid</td>
<td>50-70</td>
<td>176022-80-3</td>
<td>Eye Irrit. 2; H319</td>
</tr>
<tr>
<td>2-(2-methoxyethoxy)ethanol</td>
<td>&lt;1</td>
<td>203-906-6 111-77-3</td>
<td>Repr. 2; H361d</td>
</tr>
</tbody>
</table>

3.3 Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. None

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: 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.

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)
Automotive Brake Fluid

SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-methoxyethoxy)ethanol</td>
<td>111-77-3</td>
<td>10</td>
<td>50.1</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Biological 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

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.
Brake Fluid (DOT 5.1)

8.2.3 Environmental Exposure Controls
Not normally required.

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>Amber</td>
</tr>
<tr>
<td>Odour</td>
<td>Not available</td>
</tr>
<tr>
<td>Odour Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>7</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>≤-50</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>&gt;265</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>&gt;115</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive limit ranges</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Pressure (Pascal)</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>1.07</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Miscible</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>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity (cSt @40°C)</td>
<td>817</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not oxidising.</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 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
2,5,8,11-Tetraoxatridecan-13-ol, mixed esters with boric acid –(CAS# 176022-80-3):

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Non-irritant</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not available</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>There is no evidence of mutagenic potential.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not available</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not available</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>Not available</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Brake Fluid (DOT 5.1)

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
12.1.1 Substances in preparations / mixtures
2,5,8,11-Tetraoxatridecan-13-ol, mixed esters with boric acid – (CAS#176022-80-3)
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.

SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Land transport (ADR/RID)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified as dangerous for transport.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

14.1 UN number
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
- Regulation (EC) 2037/2000 - Dangerous to the ozone layer. Listed
- Regulation (EC) 850/2004 - Persistent Organic Pollutants Listed
- Regulation (EC) 689/2008 - Export/Import of Dangerous Chemicals Listed
- Regulation (EC) 1907/2006 - REACH Authorisations and/or restrictions on use Listed

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

GHS Classification
- Eye Irrit. 2: Causes serious eye irritation.

Training advice: None.
Brake Fluid (DOT 5.1)

Additional Information: None.

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