Bicycle Disc Brake Cleaner

SAFETY DATA SHEET
OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Chemical Name
CAS No.
Trade Name
Product Code

Not applicable.
Mixture
Bicycle Disc Brake Cleaner
None

Relevant identified uses of the substance or mixture and uses advised against
Identified Use(s):
Bicycle Brake Cleaner

Uses Advised Against:
None

Company Identification
Finish Line Technologies, Inc.
50 Wireless Blvd.
Hauppauge, NY 11788

Emergency telephone number
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

Classification of the substance or mixture
OSHA HCS (29 CFR 1910.1200)
Flam. Aerosol 1; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements
Hazard Symbol:

DANGER

Hazard Statement(s)
Extremely flammable aerosol.
Pressurised container: May burst if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.

Precautionary Statement(s)
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid breathing spray.
Protect from sunlight and do not expose to temperatures exceeding

Updated: January 4, 2019
50 ºC/122 ºF.
Wash hands and exposed skin thoroughly after handling:
Keep out of reach of children.

Other hazards
Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt.</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>&gt; 80</td>
<td>426260-76-6</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>10 - 20</td>
<td>67-63-0</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>2 - 5</td>
<td>124-38-9</td>
</tr>
</tbody>
</table>

Additional Information - None

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation: Move person to fresh air. If breathing is labored, 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.

Ingestion: Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed: Aspiration of droplets may cause pulmonary oedema.

Indication of any immediate medical attention and special treatment needed: None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media
- Suitable Extinguishing Media: Extinguish with carbon dioxide, dry chemical, foam or water spray.
- Unsuitable Extinguishing Media: Do not use water jet.

Special hazards arising from the substance or mixture: Highly flammable vapor (flash point below 23°C).

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

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.

Environmental precautions
Prevent substance entering sewers.

Methods and material for containment and cleaning up
Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections
None

Additional Information
None

SECTION 7: HANDLING AND STORAGE

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.

Conditions for safe storage, including any incompatibilities
- Storage temperature
  Keep container in a well-ventilated place. Store at temperatures not exceeding 38°C/100°F.

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

Specific end use(s)
Bicycle Brake Cleaner

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>(8hr TWA) PEL (OSHA)</th>
<th>TLV (ACGIH)</th>
<th>STEL PEL (OSHA)</th>
<th>TLV (ACGIH)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>426260-76-6</td>
<td>500 ppm*</td>
<td>1500 mg/m³</td>
<td>-----</td>
<td>-----</td>
<td>*n-heptane</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>200 ppm</td>
<td>-----</td>
<td>400 ppm</td>
<td>----</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>124-38-9</td>
<td>5000 ppm</td>
<td>5000 ppm</td>
<td>-----</td>
<td>30000</td>
<td>#</td>
</tr>
</tbody>
</table>

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method
NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 1400 (alcohols)

Exposure controls
Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment

Eye/face protection
Wear chemical resistant protective eye glasses.

Skin protection (Hand protection/ Other)
Wear suitable gloves if prolonged skin contact is likely (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.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point boiling range</td>
<td>-104 (Propane)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>High flammable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Highly flammable</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>Not available</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</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 Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidizing</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical stability

Stable.

Possibility of hazardous reactions

None anticipated.

Conditions to avoid

Avoid contact with heat and ignition sources.

Incompatible materials

Strong oxidising agents

Hazardous decomposition product(s)

None known

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

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
Dermal: LD50 >2 g/kg-bw
Inhalation: LC50 = 65 - 103 mg/L (Vapor), 4-hr. rat
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Bicycle Disc Brake Cleaner

Irritation/Corrosivity
Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

Sensitization
It is not a skin sensitizer.

Repeated dose toxicity
NOAEC: 12350 mg/m³ (2 yr, inhal., rat, Systemic effects)
LOAEC: 1650 mg/m³ (2 hr, inhal., rat, CNS effects)
May cause drowsiness or dizziness.

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

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity
There is no evidence of mutagenic potential.

Toxicity for reproduction
No information available

Isopropanol (CAS# 67-63-0):

Acute toxicity
Oral: LD₅₀ = 5.84 g/kg (rat)
Inhalation: LC₅₀ > 1000 ppm (rat) 6 hour(s)
Dermal: LD₅₀ = 16.4 ml/kg (rabbit) 24 hour(s)
May cause drowsiness or dizziness.

Irritation/Corrosivity
Irritating to eyes.

Sensitization
It is not a skin sensitizer.

Repeated dose toxicity
NOAEL = 5,000 ppm (Inhalation)
May cause drowsiness or dizziness.

Carcinogenicity
It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity
There is no evidence of mutagenic potential.

Toxicity for reproduction
No information available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity - 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 (Oncorhynchus mykiss)
EL₅₀ (48 hour): 3 mg/l (Daphnia magna, mobility)
EC₅₀ (96 hour): 13 mg/l (Pseudokirchnerella subcapitata)

Long Term
NOELR (28 days) 1.5 mg/l (Fish) QSAR
LOEC (21 days): 0.32 mg/l (Daphnia magna)
NOEL (96 hour) 6.3 mg/l (Algae)

Isopropanol (CAS# 67-63-0):

Short term
LC₅₀ (96 hour): 10,000 mg/l (Fathead minnow (Pimephales promelas))
LC₅₀ 24hour(s): >10,000 mg/l (Daphnia magna)

Long Term
NOEC: 3.37 µmol/l (Daphnia magna) (Growth rate)

Persistence and degradability
Readily biodegradable.

Bioaccumulative potential
Not available.

Mobility in soil
Not available.

Results of PBT and vPvB assessment
Not classified as PBT or vPvB.

Other adverse effects
None known.
Bicycle Disc Brake Cleaner

SECTION 13: DISPOSAL CONSIDERATIONS

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></th>
<th>U.S. DOT</th>
<th>Land transport (ADR/RID)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>1950</td>
<td>1950</td>
<td>1950</td>
<td>1950</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Aerosols</td>
<td>Aerosols</td>
<td>Aerosols</td>
<td>Aerosols</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
<td>2.1</td>
<td>2</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>None assigned</td>
<td>None assigned</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None assigned</td>
<td>None assigned</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
</tbody>
</table>

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SARA 311/312 - Hazard Categories: See SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: September 29, 2018

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