



# Bicycle Disc Brake Cleaner

## 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	Bicycle Disc Brake Cleaner
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)	Bicycle Brake Cleaner
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>
Distributor	Madison Cycles 8 Stanmore Hill Stanmore, Middlesex, HA7 3BQ United Kingdom
Telephone	+44 870 034 7226
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	<b>Medical Emergency:</b> PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304  <b>Transportation Emergency:</b> 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).	Flam. Aerosol 1; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1; Aquatic Chronic 3
<b>2.2 Label elements</b>	
Hazard Symbol	
Signal word(s)	<b>Danger</b>
Hazard statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long lasting effects.



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Precautionary statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P251: Do not pierce or burn, even after use.  
 P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.  
 P264: Wash (hands and exposed skin) thoroughly after handling.  
 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)
Heptane, branched, cyclic and linear ^	> 80	None 426260-76-6	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 3; H412
Isopropanol	10 - 20	200-661-7 67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336

**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.

- ^ REACH Registration No.: 01-2119475515-33-0015
- This product contains: Carbon dioxide (CAS No. 124-38-9) ≥ 3%

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

### 4.2 Most important symptoms and effects, both acute and delayed

Aspiration of droplets may cause pulmonary oedema.



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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** Highly flammable vapour (flash point below 23°C).
- 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** 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.
- 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** 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.
- 7.2 **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.
- 7.3 **Specific end use(s)** Bicycle Brake Cleaner

## 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:
Heptane, branched, cyclic and linear	426260-76-6	-----	1800	-----	-----	UK - EH40
n-Heptane	142-82-5	500	2085	-----	-----	EU - IOEL
Isopropanol	67-63-0	400	999	500	1250	UK - EH40




\*Assure minimum oxygen content of work atmosphere.

Biological limit value				
Limit value type	SUBSTANCE.	CAS No.	Biological limit value	Note:



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(country of origin)				
None known	None	-----	None	None

<b>8.1.2 Recommended monitoring method</b>	UK HSE Method 96 (n-Heptane & isopropanol); NIOSH 1500 (HYDROCARBONS, BP 36° - 126°C)
<b>8.2 Exposure controls</b>	
<b>8.2.1 Appropriate engineering controls</b>	Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.
<b>8.2.2 Personal protection equipment</b>	
Eye/face protection 	Wear protective eyewear (goggles, face shield, or safety 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.
<b>8.2.3 Environmental Exposure Controls</b>	None assigned.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Liquid
Colour	Colorless
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)	-104 (Propane)
Evaporation rate	Not available
Flammability (solid, gas)	Highly flammable
Explosive limit ranges	Not available
Vapour Pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Not available
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)	<20
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	Not available



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## 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

Acute toxicity	Not available
Skin corrosion/irritation	Not available
Serious eye damage/irritation	Not available
Respiratory or skin sensitization	Not available
Germ cell mutagenicity	Not available
Carcinogenicity	Not available
Reproductive toxicity	Not available
STOT - single exposure	Not available
STOT - repeated exposure	Not available
Aspiration hazard	Not available

#### 11.1.3 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 (Vapour), 4-hr. rat
Skin corrosion/irritation	Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitization	It is not a skin sensitiser.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.
Reproductive toxicity	Not to be expected.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Not to be expected. - NOAEC: 12350 mg/m <sup>3</sup> (2 yr, inhal., rat, Systemic effects) - LOAEC: 1650 mg/m <sup>3</sup> (2 hr, inhal., rat, CNS effects)
Aspiration hazard	Aspiration of droplets may cause pulmonary oedema.

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)
Skin corrosion/irritation	Not to be expected.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitization	It is not a skin sensitiser.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.
Reproductive toxicity	Not to be expected.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Not to be expected.
Aspiration hazard	Not available

#### 11.2 Other information

None known.



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## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1</b>	<b>Toxicity</b>	
<b>12.1.1</b>	<b>Substances in preparations / mixtures</b>	
	<u>Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:</u>	
	<b>Short term</b>	LL50 (96 hour): >13.4 mg/L ( <i>Oncorhynchus mykiss</i> ) EL50 (48 hour): 3 mg/l ( <i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l ( <i>Pseudokirchnerella subcapitata</i> )
	<b>Long Term</b>	NOELR (28 days) 1.5 mg/l ( <i>Fish</i> ) QSAR LOEC (21 days): 0.32 mg/l ( <i>Daphnia magna</i> ) NOEL (96 hour) 6.3 mg/l ( <i>Algae</i> )
	<u>Isopropanol (CAS# 67-63-0):</u>	
	<b>Short term</b>	LC50 (96 hour): 10,000 mg/l (Fathead minnow ( <i>Pimephales promelas</i> )) LC50 24hour(s): >10,000 mg/l ( <i>Daphnia magna</i> )
	<b>Long Term</b>	NOEC: 3.37 µmol/l ( <i>Daphnia magna</i> ) (Growth rate)
<b>12.2</b>	<b>Persistence and degradability</b>	Readily biodegradable.
<b>12.3</b>	<b>Bioaccumulative potential</b>	Not available.
<b>12.4</b>	<b>Mobility in soil</b>	Not available.
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6</b>	<b>Other adverse effects</b>	None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1</b>	<b>Waste treatment methods</b>	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

	<b>Land transport (ADR/RID)</b>	<b>Sea transport (IMDG)</b>	<b>Air transport (ICAO/IATA)</b>
<b>14.1</b>	<b>UN number</b>	1950	1950
<b>14.2</b>	<b>Proper Shipping Name</b>	Aerosols	Aerosols
<b>14.3</b>	<b>Transport hazard class(es)</b>	2.1	2.1
<b>14.4</b>	<b>Packing Group</b>	Not applicable	Not applicable
<b>14.5</b>	<b>Environmental hazards</b>	None assigned	None assigned
<b>14.6</b>	<b>Special precautions for user</b>	None assigned	None assigned
<b>14.7</b>	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b> Not applicable		

## SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture:</b>	
<b>15.1.1</b>	<b>EU regulations</b>	<b>Listed</b>
	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.
<b>15.1.2</b>	<b>National regulations</b>	Not established.
<b>15.2</b>	<b>Chemical Safety Assessment</b>	Not applicable



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## SECTION 16: OTHER INFORMATION

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

### Hazard statement(s) and Precautionary statement(s):

- H225: Highly flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H412: Harmful to aquatic life with long lasting effects.

### GHS Classification

- Flam. Aerosol 1; Extremely flammable aerosol. Category 1
- Asp. Tox. 1; Aspiration hazard Category 1
- Skin Irrit. 2; Skin corrosion/irritation Category 2
- Eye Irrit. 2; Serious eye damage/irritation Category 2
- STOT SE 3; Specific target organ toxicity — single exposure Category 3
- Aquatic Chronic 3; Chronic aquatic toxicity, Category 3

**Training advice:** None.

**Additional Information:** None.

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