



e-Bike 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

Product identifier	
GHS Product Identifier	Not applicable.
Chemical Name	Not applicable.
Trade name	e-Bike Cleaner
CAS No.	Mixture
EINECS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Cleaning product
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
Telephone	+1 (631) 666-7300
Fax	+1 (631) 666-7391
E-mail	SDSinfo@finishlineusa.com
UK 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.	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).	Non-flammable Aerosol
2.2 Label elements	
Hazard Symbol	None
Signal word(s)	WARNING
Hazard statement(s)	H229: Pressurised container: May burst if heated
Precautionary statement(s)	P210: Keep away from heat/sparks/open flames/hot surfaces. P251: Pressurized container: Do not pierce or burn, even after use. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
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)
Propane	1 - 5	200-827-9 74-98-6	Flam. Gas 1, H220 Press. Gas (*)
Butane	1 - 5	203-448-7 106-97-8	Flam. Gas 1, H220 Press. Gas (*)
2-Butoxyethanol	1 - 5	203-905-0 111-76-2	Acute. Tox. 4; H302, H312, H332 Skin Irrit. 2; H315 Eye Irrit. 2a; H319
Aqua ammonia (30%)	< 1	215-647-6 1336-21-6	Skin Corr. 1B; H314 STOT SE 3; H335 Aquatic Acute 1; H400

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 irritation develops and persists, get medical attention.
Ingestion	Immediately call a POISON CENTER or doctor/physician. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed None anticipated

4.3 Indication of the immediate medical attention and special treatment needed None anticipated

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	Pressurised container: May burst if heated
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

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|-----|--|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Avoid contact with skin and eyes. |
| 6.2 | Environmental precautions | Prevent liquid entering sewers, basements and workpits. |
| 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 | Use product in a well-ventilated area only. Avoid contact with skin and eyes. |
| 7.2 | Conditions for safe storage, including any incompatibilities | |
| | -Storage Temperature | Keep in a cool, well ventilated place. Store at temperatures not exceeding 50°C / 122 °F. |
| | -Incompatible materials | This product should be stored away from sources of strong heat or oxidising chemicals. |
| 7.3 | Specific end use(s) | Cleaning product |

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:
Butane	106-97-8	600	1450	750	1810	UK HSE
Propane	74-98-6	Aspyx.#	Aspyx.#	Aspyx.#	Aspyx.#	ACGIH TLV
2-Butoxyethanol	111-76-2	25	123	50	246	UK HSE
Ammonia	7664-41-7	25	18	35	25	UK HSE

LTEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit; #Assure minimum oxygen content of work atmosphere.

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 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 1400 (Alcohols I); NIOSH 1403 (Alcohols IV). |
| 8.2 | Exposure controls | |
| 8.2.1 | Appropriate engineering controls | Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits. |
| 8.2.2 | Personal protection equipment | |
| | 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



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	Liquid / Liquefied gas
Colour	Clear
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)	Non-flammable
Evaporation rate	Not available
Flammability (solid, gas)	Non-flammable
Explosive limit ranges	Not applicable
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)	Non-flammable
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	<20 @ 40 °C
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

Not applicable

11.1.2 Mixtures - By analogy with similar materials:

Acute toxicity (estimated / calculated)

Oral: LD50 >5000 mg/kg-bw (rat)

Dermal: LD50 >5000 mg/kg-bw (rabbit)

Skin corrosion/irritation

Not to be expected.

Serious eye damage/irritation	Not to be expected.
Respiratory or skin sensitization	Not to be expected.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.
Reproductive toxicity	Not to be expected.
STOT - single exposure	Not to be expected.
STOT - repeated exposure	NOT to be expected.
Aspiration hazard	Not to be expected.

11.1.3 Substances in preparations / mixtures - By analogy with similar materials:

Propane (CAS# 74-98-6):

Acute toxicity	Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.
Reproductive toxicity	Not to be expected.
STOT - single exposure	Not to be expected.
STOT - repeated exposure	Not to be expected. NOAEC: ≥ 19678 mg/m ³ (28-day, rat, Systemic effects). LOAEC: 21641 mg/m ³ (28-day, rat, effects: Body weight)
Aspiration hazard	Not to be expected.

2-Butoxyethanol (CAS No. 111-76-2):

NOTE: Rodents shown to be more susceptible to the effects of hemolysis than are humans and guinea pigs, thus acute toxicity for guinea pigs considered more relevant for classification:

Acute toxicity	Oral: LD50 = 1400 mg/kg (guinea pig) Inhalation: LC0 (1-hr) > 3.1 mg/l (Vapour, guinea pig) Dermal: LD50 >2000 mg/kg (guinea pig)
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitization	Not to be expected.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	NOAEL (Two year cancer study) < 125 ppm - Probably not carcinogenic to humans.
Reproductive toxicity	Not to be expected. NOAEL (parental , F1 and F2 generation) = 720 mg/kg bw/day.
STOT - single exposure	Not to be expected.
STOT - repeated exposure	Inadequate data available to make full assessment. Rodents shown to be more susceptible to the effects of hemolysis than are humans.
Aspiration hazard	Not to be expected.

11.2 Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (estimated / calculated)	LC50 (96 hour): > 100 mg/L (Fish) EL50 (48 hour): > 100 mg/l (Invertebrates) EC50 (72 hour): > 100 mg/l (Algae)
Chronic	Not to be expected.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

The product has no potential for bioaccumulation.

12.4 Mobility in soil

The product is predicted to have high mobility in soil.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

None known.



e-Bike Cleaner

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

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number	1950	1950	1950
14.2 Proper Shipping Name	Aerosols, non-flammable	Aerosols, non-flammable	Aerosols, non-flammable
14.3 Transport hazard class(es)	2.2	2.2	2.2
14.4 Packing Group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	None assigned	None assigned	None assigned
14.6 Special precautions for user	None assigned	None assigned	None assigned
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

Training advice: None.

Additional Information: None.

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