



Chill Zone



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	Chill Zone
CAS No.	Mixture
EINECS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Lubricant spray
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 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).	Flam. Aerosol 1; Asp. Tox. 1
2.2 Label elements	
Hazard Symbol	 
Signal word(s)	Danger
Hazard statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated H304: May be fatal if swallowed and enters airways. EUH208: Contains: Sulfonic acids, petroleum, calcium salts. May cause an allergic skin reaction.
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: Pressurized container: Do not pierce or burn, even after use.



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P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

P102: Keep out of reach of children.

None

2.3 Other hazards

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)
1,1-Difluoroethane	50-75	200-866-1 75-37-6	Flam. Gas 1, H220 Liquefied gas; H280
Distillates (petroleum), hydrotreated light	10-30	265-149-8 64742-47-8	Asp. Tox. 1;H304
Sulfonic acids, petroleum, calcium salts	<0.5	263-093-9 61789-86-4	Skin Sens. 1B; H317

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	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.
Ingestion	Do not give anything by mouth to an unconscious person. Seek medical treatment.

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

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	None
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 ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Normal and branched chain alkanes ≥C7	Mixture	-----	1200	-----	-----	UK - EH40
Cycloalkanes ≥C7	Mixture	-----	800	-----	-----	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** NIOSH 1550 (Naphthas);
- 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).





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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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Tan / Pale brown. / Straw.
Odour	Slight
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)	-50 (-58 °F)
Evaporation rate	Not available
Flammability (solid, gas)	Extremely flammable
Explosive limit ranges	4.3-17.4% (1,1-difluoroethane)
Vapour Pressure (Pascal)	514,624 (25°C) (1,1-difluoroethane)
Vapour Density (Air=1)	Not available
Density (g/ml)	0.89
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	440°C (1,1-difluoroethane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	5.06
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	Not available
Skin corrosion/irritation	Not available
Serious eye damage/irritation	Not available
Respiratory or skin sensitization	Not available



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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

Distillates (petroleum), hydrotreated light (CAS# 64742-47-8)

Acute toxicity	Oral: LD50 >55 g/kg-bw Dermal: LD50 >3 g/kg-bw
Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
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	Aspiration of droplets may cause pulmonary oedema.

Sulfonic acids, petroleum, calcium salts (CAS#61789-86-4):

Acute toxicity	Oral: LD50 >16 g/kg-bw
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	No data. It is unlikely to present a carcinogenic hazard to man.
Reproductive toxicity	Not to be expected.
STOT - single exposure	Not to be expected.
STOT - repeated exposure	Not to be expected.
Aspiration hazard	No data.

11.2 Other information None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Substances in preparations / mixtures

Distillates (petroleum), hydrotreated light (CAS# 64742-47-8)

Short term	Not available
Long Term	Not available
12.2 Persistence and degradability	Not available
12.3 Bioaccumulative potential	The product has low 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.

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	Aerosols	Aerosols



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14.3	Transport hazard class(es)	2.1	2.1	2.1
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

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

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

- H220: Extremely flammable gas.
- H304: May be fatal if swallowed and enters airways.
- H317: May cause an allergic skin reaction.

GHS Classification

- Flam. Aerosol 1: Extremely flammable aerosol. Category 1
- Asp. Tox. 1: Aspiration hazard Category 1

Training advice: None.

Additional Information: None.

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