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.
Chill Zone

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.

2.3 Other hazards

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

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...
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

<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>Normal and branched chain alkanes ≥C7</td>
<td>Mixture</td>
<td>-----</td>
<td>1200</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
<tr>
<td>Cycloalkanes ≥C7</td>
<td>Mixture</td>
<td>-----</td>
<td>800</td>
<td>-----</td>
<td>-----</td>
<td>UK - EH40</td>
</tr>
</tbody>
</table>

| Biological limit value
<table>
<thead>
<tr>
<th>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
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).
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

<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>Tan / Pale brown / Straw</td>
</tr>
<tr>
<td>Odour</td>
<td>Slight</td>
</tr>
<tr>
<td>Odour Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point /boiling range (°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>-50 (-58 °F)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Extremely flammable</td>
</tr>
<tr>
<td>Explosive limit ranges</td>
<td>4.3-17.4% (1,1-difluoroethane)</td>
</tr>
<tr>
<td>Vapour Pressure (Pascal)</td>
<td>514,624 (25°C) (1,1-difluoroethane)</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>0.89</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 Temperature (°C)</td>
<td>440°C (1,1-difluoroethane)</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity (cSt)</td>
<td>5.06</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 - 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
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

<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>14.1 UN number</td>
<td>1450</td>
<td>1950</td>
</tr>
<tr>
<td>14.2 Proper Shipping Name</td>
<td>Aerosols</td>
<td>Aerosols</td>
</tr>
</tbody>
</table>
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 Not applicable
- Regulation (EC) 689/2008 - Export/Import of Dangerous Chemicals Not applicable
- Regulation (EC) 1907/2006 - REACH Authorisations and/or restrictions on use Not applicable

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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