



Chill Zone

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Not applicable.
CAS No.	Mixture
Trade Name	Chill Zone
Product Code	None

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Lubricant
Uses Advised Against	None

Company Identification

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

Telephone

(631) 666-7300

Fax

(631) 666-7391

E-Mail (competent person)

SDSinfo@finishlineusa.com

Emergency telephone number

Emergency Phone No.

Medical Emergency: PROPHARMA 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; 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.



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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.

Pressurized container: Do not pierce or burn, even after use.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Keep out of reach of children.

Other hazards

Contains: Sulfonates. May produce an allergic reaction.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.
1,1-Difluoroethane	50 - 75	75-37-6
Distillates (petroleum), hydrotreated light	20 - 30	64742-47-8
Sulfonic acids, petroleum, calcium salts	< 0.5	61789-86-4
Calcium bis(dinonylnaphthalenesulphonate)	< 0.5	57855-77-3

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. Seek medical treatment.

Most important symptoms and effects, both acute and delayed

Aspiration of droplets may cause pulmonary oedema. Contains: Sulfonates. May produce an allergic reaction.

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.



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-Unsuitable Extinguishing Media

Do not use water jet.

Special hazards arising from the substance or mixture

Pressurised container: May burst if heated.

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

Wear protective gloves/eye protection.

Environmental precautions

Prevent substance entering sewers.

Methods and material for containment and cleaning up

Small spillages: Wash the spillage area with water. Large spillages: Transfer to a container for disposal or recovery. Subsequently flush road with water.

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

Strong oxidising agents.

Specific end use(s)

Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
C ₉ -C ₁₅ Alkanes & Cycloalkanes	Mixture	-----	1200 mg/m ³	-----	-----	

Recommended monitoring method

NIOSH 1550 (Naphthas)

Exposure controls

Appropriate engineering controls

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

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 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. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color.	Tan / Pale brown. / Straw.
Odor	Not available
Odor 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 Point (°C)	440°C (1,1-difluoroethane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	5.06 @ 40 °C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available

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



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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

Irritation/Corrosivity

Repeated exposure may cause skin dryness or cracking.

Sensitization

It is not a skin sensitizer.

Repeated dose toxicity

No information available

Carcinogenicity

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

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

There is no evidence of mutagenic potential.

Toxicity for reproduction

No information available

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

Acute toxicity

Oral: LD50 >16 g/kg (rat)

Irritation/Corrosivity

Not available

Sensitization

May cause sensitization by skin contact.

Repeated dose toxicity

Not available

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

There is no evidence of mutagenic potential.

Toxicity for reproduction

No information available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Substances in preparations / mixtures

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

Short term

LC50 (96 hour): 2 - 100 mg/L (Rainbow trout)
LC50 (48 hour): 1.9 - 89 mg/L (Daphnia magna)
EC50 (96 hour): 5 - 6.2 mg/L (Green algae) (Growth rate)

Long Term

NOEL (21 days): 0.48 mg/L (Daphnia magna)
NOAEL (96 hour): 0.4 - 6.2 mg/L (Green algae) (Growth rate)

Persistence and degradability

Not readily biodegradable.

Bioaccumulative potential

The product has low potential for bioaccumulation.

Mobility in soil

The product is predicted to have high mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

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.



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SECTION 14: TRANSPORT INFORMATION

	Land transport (DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

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 and active, or exempt.

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

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	None

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

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

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

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	----

SECTION 16: OTHER INFORMATION

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

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