



DuPont™ Release It Penetrating Oil

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	DuPont™ Release It Penetrating Oil
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
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Telephone	(631) 666-7300
E-Mail (competent person)	SDSinfo@finishlineusa.com

Emergency telephone number

Emergency Phone No.	Medical Emergency: PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304
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	Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 2; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements

Hazard Symbol



DANGER

Signal word(s)

Hazard Statement(s)

Flammable aerosol.
Pressurised container: May burst if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
May cause drowsiness or dizziness.

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.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
IF SWALLOWED: Immediately call a POISON CENTER or



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doctor/physician. Do NOT induce vomiting.

Keep out of reach of children.

None

Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.
Distillates (petroleum), hydrotreated light	60 - 80	64742-47-8
Distillates (petroleum), hydrotreated heavy naphthenic	5 - 10	64742-52-5
Carbon dioxide	1 - 5	124-38-9

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

Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.

Indication of any immediate medical attention and special treatment needed

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

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray. Do not use water jet.

Special hazards arising from the substance or mixture

Highly flammable vapor (flash point below 23°C).

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.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Eliminate all ignition sources if safe to do so. Wear protective gloves/eye protection. Avoid breathing spray.
Environmental precautions	Prevent liquid entering sewers, basements and workpits.
Methods and material for containment and cleaning up	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
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. Do not spray on an open flame or other ignition source. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray.
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.
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)	
Normal and branched chain alkanes ≥C9	-----	-----	1200 mg/m3	-----	-----	-----
Oil mist (mineral)	-----	5 mg/m3	5 mg/m3 ⁽¹⁾	-----	-----	⁽¹⁾ Inhalable
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	-----	30000 ppm	-----

[#]Assure minimum oxygen content of work atmosphere.

Recommended monitoring method	NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C) ; NIOSH 5026 (Oil mist; mineral)
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

In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

Not normally required.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid / Aerosol
Color.	White (Translucent)
Odor	Petroleum spirit
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	> 35 (> 95 °F)
Flash Point (°C)	< 60 (< 140 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	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 Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	<10 @ 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)	Carbon monoxide, Carbon dioxide, Acid smoke, Other

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects - Substances in preparations / mixtures



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Distillates (petroleum), hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:

Acute toxicity	Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >5000 mg/kg-bw Inhalation: LC50 >5000 mg/m3 May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Irritation/Corrosivity	Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Not to be expected.
Carcinogenicity	Not to be expected.

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

Mutagenicity	Not to be expected.
Toxicity for reproduction	Not to be expected.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Substances in preparations / mixtures

Distillates (petroleum), hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:

Short term	LC50 (96 hour): >1000 mg/L (Rainbow trout) LC50 (48 hour): >1000 mg/L (Daphnia magna) EC50 (96 hour): >1000 mg/L (Green algae) (Growth rate)
Long Term	NOELR (28 day): >1000 mg/L (<i>Oncorhynchus mykiss</i>) NOELR (21 days): >1000 mg/L (Daphnia magna) NOELR (96 hour) = 1000 mg/L (Green algae) (Growth rate)

2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol (CAS No. 27136-73-8):

Short term	LC50 (96 hour): 0.22 - 0.5 mg/L (Zebra fish)
Long Term	Very toxic to aquatic life with long lasting effects.

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.

SECTION 14: TRANSPORT INFORMATION

	Land transport <u>(U.S. DOT)</u>	Sea transport <u>(IMDG)</u>	Air transport <u>(ICAO/IATA)</u>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable



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Environmental hazards No. No. No.
 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	----	----	----

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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