



# DuPont™ Release It Penetrating Oil

## 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	DuPont™ Release It Penetrating Oil
CAS No.	Mixture
EINECS No.	Mixture

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

Identified use(s)	Lubricant
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)	<a href="mailto:SDSinfo@finishlineusa.com">SDSinfo@finishlineusa.com</a>
Distributor	Madison Distribution Centre 5 Roebuck way Milton Keynes, Buckinghamshire, MK5 8HL United Kingdom
Telephone	+44 (0) 1908 326032

#### 1.4 Emergency telephone number

Emergency Phone No.	<b>Medical Emergency:</b> 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)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP).

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

#### 2.2 Label elements

Hazard Symbol



**DANGER**

Signal word(s)

Hazard statement(s)

H223: Flammable aerosol.  
H229: Pressurised container: May burst if heated.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
EUH066: Repeated exposure may cause skin dryness or cracking.  
EUH208: Contains: Sulfonic acids, petroleum, calcium salts. May



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Precautionary statement(s)

produce an allergic reaction.  
 H336: May cause drowsiness or dizziness.  
 H412: Harmful to aquatic life with long lasting effects.  
 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.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P331: Do NOT induce vomiting.  
 P410+P412: Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.  
 P102: Keep out of reach of children.

2.3 Other hazards

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Regulation (EC) No. 1272/2008 (CLP): Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.

Hazardous Ingredient(s)	%W/W	EC No. CAS No. EC INDEX No. REACH Registration No.	According to Regulation (EC) No. 1272/2008 (CLP)
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	60 - 80	920-107-4 None None 01-2119453414-43-0004	Asp. Tox. 1: H304 EUH066
Distillates (petroleum), hydrotreated heavy naphthenic	5 - 10	265-155-0 64742-52-5 None None	Asp. Tox. 1; H304
(2-methoxymethylethoxy)propanol	5 - 10	252-104-2 34590-94-8 None None	Not classified as dangerous for supply/use.
Soybean oil, Me ester	5 - 8	267-055-2 67784-80-9 None None	Eye Irrit. 2; H319
2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol	< 1	248-248-0 27136-73-8 None None	Acute Tox 4; H302 Skin Corr 1C; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Sulfonic acids, petroleum, calcium salts	< 1	263-093-9 61789-86-4 None None	Skin Sens. 1B; H317
Carbon dioxide	1 - 5	204-696-9 124-38-9 None None	Press. Gas (Comp.); H280

For full text of H/P Statements see section 16.



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## 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 eye irritation persists: Get medical advice/attention.
Ingestion	Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

### 4.2 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.

### 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

Eliminate all ignition sources if safe to do so. Avoid contact with skin and eyes. Avoid breathing spray.

### 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. 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.

### 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  
This product should be stored away from sources of strong heat or oxidising chemicals.

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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Normal and branched chain alkanes ≥C9	----	----	1200	----	----	UK WEL
Cycloalkanes ≥C9	----	----	800	----	----	UK WEL
Oil mist (mineral)	Mixture	----	5	----	10	UK WEL
(2-methoxymethylethoxy) propanol	34590-94-8	50	308	----	----	UK WEL
Carbon dioxide	124-38-9	5000	9150	15000	27400	UK WEL

- UK WEL: Workplace Exposure Limit (UK HSE 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 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 5026 (Oil mist; mineral)

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

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

#### 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



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 / Aerosol

Colour

White (Translucent)

Odour

Petroleum spirit

Odour Threshold (ppm)

Not available

pH (Value)

Not available



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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 Temperature (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cP)	<20 @ 40 °C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2 Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions.
<b>10.2 Chemical stability</b>	Stable.
<b>10.3 Possibility of hazardous reactions</b>	None anticipated.
<b>10.4 Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>10.5 Incompatible materials</b>	Strong oxidising agents
<b>10.6 Hazardous Decomposition Product(s)</b>	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
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

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (EC No. 920-107-4)

Acute toxicity	Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >5000 mg/kg-bw Inhalation: LC50 >5000 mg/m3
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.



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Aspiration hazard

Aspiration of droplets may cause pulmonary oedema.

Sulfonic acids, petroleum, calcium salts (CAS Nr. 61789-86-4) & Calcium bis(dinonylnaphthalenesulphonate) (CAS No. 57855-77-3) - By analogy with similar materials:

Acute toxicity	Oral: LD50 >16 g/kg-bw
Skin corrosion/irritation	Irritant
Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	Not to be expected.
Carcinogenicity	No data.
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

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (EC No. 920-107-4) - 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.

### 12.2 Persistence and degradability

Not readily biodegradable.

### 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, flammable	Aerosols, flammable	Aerosols, flammable
14.3 Transport hazard class(es)	2.1	2	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		



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## SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture:</b>	
<b>15.1.1</b>	<b>EU regulations</b>	<b>Listed</b>
	Regulation (EC) 2037/2000 - Dangerous to the ozone layer.	No.
	Regulation (EC) 850/2004 - Persistent Organic Pollutants	No.
	Regulation (EC) 649/2012 - Export/Import of Dangerous Chemicals	No.
	Regulation (EC) 1907/2006 - REACH Authorisations and/or restrictions on use	No.
<b>15.1.2</b>	<b>National regulations</b>	Not established.
	German Water Classification / Wassergefährdungsklasse (Germany)	2
<b>15.2</b>	<b>Chemical Safety Assessment</b>	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.
- H225: Highly flammable liquid and vapour.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H336: May cause drowsiness or dizziness.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- EUH066: Repeated exposure may cause skin dryness or cracking.

### GHS Classification

- Flam. Aerosol 2: Flammable aerosol Category 2
- Skin Irrit. 2: Skin corrosion/irritation Category 2
- STOT SE 3: Specific target organ toxicity — single exposure Category 3
- Asp. Tox. 1: Aspiration hazard Category 1
- Aquatic Chronic 3: Chronic aquatic toxicity, category Category 3

**Training advice:** None.

**Additional Information:** None.

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