



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)	SDSinfo@finishlineusa.com
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.	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)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Skin Irrit. 2; Asp. Tox. 1; Aquatic Chronic 3

2.2 Label elements

Hazard Symbol



DANGER

Signal word(s)

Hazard statement(s)

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 produce an allergic reaction.

H412: Harmful to aquatic life with long lasting effects.



DuPont™ Release It Penetrating Oil

Precautionary statement(s)

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

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

P331: Do NOT induce vomiting.

P405: Store locked up.

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

For full text of H/P Statements 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.



DuPont™ Release It Penetrating Oil

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	Avoid contact with skin and eyes.
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	Avoid contact with skin and eyes.
7.2 Conditions for safe storage, including any incompatibilities	
-Storage Temperature	Keep container in a well-ventilated place.
-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 ³)	STEL (ppm)	STEL (mg/m ³)	Note:
Normal and branched chain alkanes ≥C9	----	----	1200	----	----	UK WEL
Cycloalkanes ≥C9	----	----	800	----	----	UK WEL
Oil mist (mineral)	Mixture	----	5	----	10	UK WEL






DuPont™ Release It Penetrating Oil

(2-methoxymethylethoxy) propanol	34590-94-8	50	308	-----	-----	UK WEL
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- 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
Colour	White (Translucent)
Odour	Petroleum spirit
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	> 35
Flash Point (°C)	> 93
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
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.



DuPont™ Release It Penetrating Oil

	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
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.
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.



DuPont™ Release It Penetrating Oil

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	
12.1.1	Substances in preparations / mixtures	
	<u>Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (EC No. 920-107-4) - By analogy with similar materials:</u>	
	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)
	<u>2-(heptadecenyl)-4,5-dihydro-1H-imidazole-1-ethanol (CAS No. 27136-73-8):</u>	
	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.
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SECTION 14: TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1	UN number		
14.2	Proper Shipping Name	Not classified as dangerous for transport.	
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	Listed
	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.
15.1.2	National regulations	Not established.
	German Water Classification / Wassergefährdungsklasse (Germany)	2
15.2	Chemical Safety Assessment	Not applicable



DuPont™ Release It Penetrating Oil

SECTION 16: OTHER INFORMATION

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

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

- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- 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

- Skin Irrit. 2: Skin corrosion/irritation Category 2
- 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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