



DuPont™ Multi-Use High Performance Lubricant

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™ Multi-Use High Performance Lubricant
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 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. Liq. 3; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1; Aquatic Chronic 3
2.2 Label elements	
Hazard Symbol	
Signal word(s)	DANGER
Hazard statement(s)	H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. EUH066: Repeated exposure may cause skin dryness or cracking. H336: May cause drowsiness or dizziness. H412: Harmful to aquatic life with long lasting effects.



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Precautionary statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P264: Wash hands and exposed skin thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

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

P331: Do NOT induce vomiting.

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	50 - 70	920-107-4 None None 01-2119453414-43-0004	Asp. Tox. 1; H304 EUH066
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	5 - 10	927-510-4 None None 01-2119475515-33-0015	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	10 - 15	276-738-4 72623-87-1 649-483-00-5 None	Not classified as dangerous for supply/use. Contains <3% DMSO extract per IP 346.
Reaction mass of 4-tert-butylphenyl diphenyl phosphate and bis(4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate	< 0.25	700-990-0 68937-40-6 None None	Aquatic Acute 1; H400 Aquatic Chronic 1; H410

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.

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.



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	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.
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	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 ≥C7	-----	-----	1200	-----	-----	UK WEL
Cycloalkanes ≥C7	-----	-----	800	-----	-----	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:



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None known	None	-----	None	None
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8.1.2 Recommended monitoring method		NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C)
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 (> 95 °F)
Flash Point (°C)	< 60 (< 140 °F)
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)	<10 @ 40 °C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
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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

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, C7, n-alkanes, isoalkanes, cyclics (EC No. 927-510-4):

Acute toxicity	Oral: LD50 >5840 mg/kg-bw Dermal: LD50 >2920 mg/kg-bw Inhalation: LC50 >2330 mg/m3
Skin corrosion/irritation	Causes skin irritation.
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	May cause drowsiness or dizziness.
STOT - repeated exposure	Not to be expected.
Aspiration hazard	Aspiration of droplets may cause pulmonary oedema.

11.2 Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Substances in preparations / mixtures

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics (EC No. 927-510-4):

Short term	LL50 (96 hour): >13.4 mg/L (<i>Oncorhynchus mykiss</i>) EL50 (48 hour): 3 mg/l (<i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l (<i>Pseudokirchnerella subcapitata</i>)
Long Term	NOELR (28 days) 1.5 mg/l (<i>Fish</i>) QSAR LOEC (21 days): 0.32 mg/l (<i>Daphnia magna</i>) NOEL (96 hour) 6.3 mg/l (<i>Algae</i>)

Reaction mass of 4-tert-butylphenyl diphenyl phosphate and bis(4-tert-butylphenyl) phenyl phosphate and triphenyl phosphate (EC No. 700-990-0):

Short term	LC50 (96 hour) 0.8 mg/L (<i>Ictalurus punctatus</i>) LC50 (48 hour) = 0.202 mg/L (<i>Daphnia magna</i>) EC50 (96 hour) = 3 mg/L (Green algae) (Growth rate)
Long Term	NOEC (90 days, survival) = 0.093 (<i>Pimephales promelas</i>) NOEC (21 days, reproduction) = 0.0399 mg/L (<i>Daphnia magna</i>)



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12.2	Persistence and degradability	Not persistent.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	No data.
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	1993	1993	1993
14.2	Proper Shipping Name	Flammable liquid, n.o.s. (heptanes)	Flammable liquid, n.o.s. (heptanes)	Flammable liquid, n.o.s. (heptanes)
14.3	Transport hazard class(es)	3	3	3
14.4	Packing Group	III	III	III
14.5	Environmental hazards	No.	No.	No.
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			

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

SECTION 16: OTHER INFORMATION

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



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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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