



DuPont™ Degreaser Chains, Gears & Industrial Parts

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™ Motorcycle Degreaser for Chains and Sprockets
CAS No.	Mixture
EINECS No.	Mixture

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

Identified use(s)	Motorcycle Repair / Degreaser
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. Aerosol 2; Eye Irrit. 2; 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.
H319: Causes serious eye irritation.
EUH066: Repeated exposure may cause skin dryness or cracking.
EUH208: Contains: Citrus Terpenes. May produce an allergic reaction.
H304: May be fatal if swallowed and enters airways.
H412: Harmful to aquatic life with long lasting effects.



DuPont™ Degreaser

Chains, Gears & Industrial Parts

Precautionary statement(s)

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.

P264: Wash hands and exposed skin thoroughly after handling.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331: Do NOT induce vomiting.

P410+P412: Protect from sunlight. Do not 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 - 70	920-107-4 None None 01-2119453414-43-0004	Asp. Tox. 1: H304 EUH066
(2-methoxymethylethoxy)propanol	15 - 20	252-104-2 34590-94-8 None None	Not classified as dangerous for supply/use.
Soybean oil, Me ester	10 - 15	267-055-2 67784-80-9 None None	Eye Irrit. 2; H319
Carbon dioxide	1 - 3	204-696-9 124-38-9 None None	Press. Gas (Comp.); H280
Citrus, ext.	< 1	304-454-3 94266-47-4 None None	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 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 labored, administer oxygen. If symptoms develop, obtain medical attention.



DuPont™ Degreaser

Chains, Gears & Industrial Parts

	Skin Contact	Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Take off contaminated clothing and wash it before reuse.
	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.
4.2	Most important symptoms and effects, both acute and delayed	Aspiration of droplets may cause pulmonary oedema. Contains: Citrus Terpenes. May produce an allergic reaction.
4.3	Indication of the immediate medical attention and special treatment needed	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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	Pressurised container: May burst if heated.
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 vapours.
6.2	Environmental precautions	Prevent liquid entering sewers, basements and workpits.
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. Avoid breathing mist / vapours / spray.
7.2	Conditions for safe storage, including any incompatibilities	
	-Storage Temperature	Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C.
	-Incompatible materials	This product should be stored away from sources of strong heat or oxidizing chemicals.
7.3	Specific end use(s)	Motorcycle Repair / Degreaser



DuPont™ Degreaser Chains, Gears & Industrial Parts

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:
Oil mist (mineral)	Mixture	-----	5	-----	10	UK WEL
Normal and branched chain alkanes ≥C9	-----	-----	1200	-----	-----	UK WEL
Cycloalkanes ≥C9	-----	-----	800	-----	-----	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)

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 1550 (Naphthas); NIOSH 5026 (Oil mist; mineral); NIOSH 2554 (Glycol Ethers).

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 or Butyl rubber)

Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required.

8.2.3 Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aerosol spray
Colour	Not available
Odour	Citrus
Odour 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)	~ 79 (~ 174 °F)



DuPont™ Degreaser

Chains, Gears & Industrial Parts

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.
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)	Carbon monoxide, Carbon dioxide, Acrid smoke, Other

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 (rat) >5000 mg/kg-bw Dermal: LD50 (rat) >5000 mg/kg-bw Inhalation; 4-hr LC50 (rat) >5 mg/L (Vapour)
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.

11.2 Other information None known.



DuPont™ Degreaser Chains, Gears & Industrial Parts

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	
12.1.1	Substances in preparations / mixtures	
	<u>Citrus Terpenes (CAS# 94266-47-4) - (By analogy with similar materials):</u>	
	Short term	LC50 (96 hour) = 0.720 mg/L - Fathead minnows EC50 (48 hour) = 0.307 mg/L - <i>Daphnia magna</i> EC50 (72 hour) = 0.320 mg/L - <i>Pseudokirchneriella subcapitata</i>
	Long Term	NOEC (8-days) = 0.059 mg/L - <i>Pimephales promelas</i> NOEC (21 days) = 0.080 mg/L - <i>Daphnia magna</i> EC10 (72 hour) = 0.174 mg/L - <i>Pseudokirchneriella subcapitata</i>
12.2	Persistence and degradability	Not persistent.
12.3	Bioaccumulative potential	The product has no 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
14.2	Proper Shipping Name	Aerosols, flammable	Aerosols, flammable
14.3	Transport hazard class(es)	2.1	2.1
14.4	Packing Group	Not applicable	Not applicable
14.5	Environmental hazards	No.	No.
14.6	Special precautions for user	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) 689/2008 - 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.
15.2	Chemical Safety Assessment	Not applicable

SECTION 16: OTHER INFORMATION

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

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

- H226: 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.
- H317: May cause an allergic skin reaction.



DuPont™ Degreaser Chains, Gears & Industrial Parts

- H319: Causes serious eye irritation.
- H400: Very toxic to aquatic life.
- H410: Very 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
- Eye Irrit. 2; Serious eye damage/irritation Category 2
- Asp. Tox. 1; Aspiration hazard Category 1
- Aquatic Chronic 3; Chronic aquatic toxicity, Category 3

Training advice: None.

Additional Information: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.