



Citrus Degreaser

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	Citrus Degreaser
CAS No.	Mixture
EINECS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	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 Knowlhill Milton Keynes Buckinghamshire MK5 8HL United Kingdom +44 1908 326032
Telephone	
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; Asp. Tox. 1; Eye Irrit. 2; Skin Sens. 1B; Aquatic Chronic 2
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. H319: Causes serious eye irritation. H317: May cause an allergic skin reaction. H411: Toxic 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.

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

P331: Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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)
Distillates (petroleum), hydrotreated light	50 - 80	265-149-8 64742-47-8 649-422-00-2 None	Asp. Tox. 1; H304
D-limonene	4 - 8	227-813-5 5989-27-5 601-029-00-7 None	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 1; H410
(2-methoxymethylethoxy)propanol	15 - 20	252-104-2 34590-94-8 None None	Not classified as dangerous for supply/use.
Alcohols, C9-11 ethoxylated, < 2.5 EO	1 - 2.5	614-482-0 68439-46-3 None None	Eye Dam. 1; H318

For full text of H/P phrases 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.



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	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	Do not induce vomiting wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical treatment.
4.2	Most important symptoms and effects, both acute and delayed	Aspiration of liquid may cause pulmonary oedema. Contains:D-limonene. May cause an allergic skin reaction.
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	None known.
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	Wear protective gloves/eye protection.
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. When using do not eat, drink or smoke.
7.2	Conditions for safe storage, including any incompatibilities	
	-Storage Temperature	Store at room temperature.
	-Incompatible materials	Strong oxidising agents.
7.3	Specific end use(s)	Degreaser




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	Mixture	-----	1200	-----	-----	UK - EH40
Cycloalkanes ≥C7	Mixture	-----	800	-----	-----	UK - EH40
(2-methoxymethylethoxy)propanol	34590-94-8	50	308	-----	-----	UK - EH40

- 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 1550 (Naphthas); NIOSH 2554 (Glycol Ethers)
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Ensure adequate ventilation.
8.2.2 Personal protection equipment	
Eye/face protection	Wear protective eyewear (goggles, face shield, or safety glasses).
	
Skin protection (Hand protection/ Other)	Wear protective gloves.(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	Colourless
Odour	Citrus
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	>155(Distillates (petroleum), hydrotreated light)
Flash Point (°C)	40 (Distillates (petroleum), hydrotreated light)
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosive limit ranges	Not available
Vapour Pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	ca. 0.8
Solubility (Water)	Slightly soluble.
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available



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Auto Ignition Temperature (°C)	>200 (Distillates (petroleum), hydrotreated light)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cP)	Not available
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)	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

Distillates (petroleum), hydrotreated light (CAS# 64742-47-8)

Acute toxicity	Oral: LD50 >55 g/kg-bw Dermal: LD50 >3 g/kg-bw
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.

D-limonene (CAS# 5989-27-5):

Acute toxicity	Oral: LD50 >4g/kg-bw
Skin corrosion/irritation	Causes skin irritation.
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	Aspiration of droplets may cause pulmonary oedema.

11.2 Other information

None known.



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SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	
12.1.1	Substances in preparations / mixtures	
	<u>Distillates (petroleum), hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:</u>	
	Short term	Not available
	Long Term	Not available
	<u>D-limonene (CAS# 5989-27-5):</u>	
	Short term	LC50 (96 hour) 720µg/l (Fathead minnow (Pimephales promelas))
	Long Term	Not available
12.2	Persistence and degradability	Not available
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	1268	1268
14.2	Proper Shipping Name	Petroleum Distillates n.o.s.	Petroleum Distillates n.o.s.
14.3	Transport hazard class(es)	3	3
14.4	Packing Group	III	III
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	
	German Water Classification / Wassergefährdungsklasse (Germany)	3
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):

- H226: Flammable liquid and vapour.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H336: May cause drowsiness or dizziness.
- H410: Very toxic to aquatic life with long lasting effects.

GHS Classification

- Flam. Liq. 3; Flammable Liquid Category 3
- Asp. Tox. 1: Aspiration hazard Category 1
- Eye Irrit. 2; Serious eye damage/irritation Category 2
- Skin Sens. 1B; Skin sensitisation, Category Category 1B
- Aquatic Chronic 2; Chronic aquatic toxicity, Category 2

Training advice: None.

Additional Information: None.

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