



SAFETY DATA SHEET

<< N/E = Not established N/AP = Not Applicable N/AV = Not Available C.O.C = Cleveland Open Cup >>

SECTION I: MATERIAL IDENTIFICATION AND USE

Material Name / Identifier: **Esporta Extreme Oil & Soot**
Material Intended Use: Heavy Duty Degreasing Syrup
Chemical Family: Proprietary complex mixture/ preparation
CAS number: N/AP
Manufacturer's Name: Esporta Wash Systems Inc
Address: 101-1015 Crowley Avenue
City & Province: Kelowna, BC, V1Y9R6
Information Telephone: 1-800-881-7781
Emergency Telephone: 1-800-881-7781
E-mail of the competent Person responsible for the Safety Data Sheet: sara.madden@esporta.ca

SECTION II: HAZARDS IDENTIFICATION

2.1 Classification of the mixture

Combustible liquid (Category 4),
Aspiration hazard (Category 1)
Eye irritation (Category 2B)



2.2 Label elements

2.2.1 Label elements

Hazard pictogram(s): Aspiration Hazard

Signal word(s): Danger

Hazard statement(s): Combustible liquid. May be fatal if swallowed and enters airways

Combustible liquid

May be fatal if swallowed and enters airways.

Causes eye irritation

Precautionary Statement(s)

Keep away from flames and hot surfaces - No smoking.

Wear protective gloves/ eye protection.

In case of fire: Use water or dry foam for extinction

Wash hands thoroughly after handling

Response:

IF SWALLOWED: Immediately call a doctor/physician

DO NOT induce vomiting

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention

Storage and Disposal:

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local regulations

2.3 Other hazards

No particular hazard known

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	% W/W	CAS No.
d-Limonene	5-10	5989-27-5
Glycol	7-13 %	1569-01-3

The specific chemical identity is being withheld as a trade secret



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SECTION IV: FIRST AID MEASURES

4.1. Description of first aid measures

- Eyes:** Check for and remove any contact lenses. Do not rub eyes. Immediately flush with warm running water, holding the eyelids apart, for 15 minutes. Call a physician if irritation develops.
- Skin:** Remove contaminated clothing. Wash affected skin with soap and water. See physician if irritation develops.
- Ingestion:** No toxic effect is expected. Rinse mouths with water and drink 1 glass of water. Do not induce vomiting. Consult a physician.
- Inhalation:** Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed: May cause lung damage if swallowed and enters airways. May cause eye irritation.

4.3 Indication of the immediate medical attention and special treatment needed: Treat symptomatically.

SECTION V: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: Extinguish preferably with water or dry foam

Unsuitable Extinguishing Media: Not available.

5.2 Special hazards arising from the substance or mixture: Product is combustible and a slip hazard.

5.3 Advice for fire-fighters: Suitable protective clothing should be worn in fire conditions.

5.4 Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012): Combustible liquid (Category 4)

SECTION VI: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Small spill: Use appropriate tools to wipe up the product. Rinse contaminated area with water. Large spill: Stop the leak if possible. Ventilate the area involved. Block release of the chemical from sewer or storm drains. Contain and clean-up the spill. Observe all personal protection equipment recommendations. Ensure personal protection during removal of spillages. Eliminate all ignition sources if safe to do so. Local authority should be advised if significant spill cannot be contained.

For emergency responders: Use personal protection recommended in Section 8

6.2 Environmental precautions: Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground

6.3 Methods and material for containment and cleaning up

Do not release large quantities into the surface water or into drains.

Wear suitable gloves and eye/face protection.

Remove or make safe all sources of ignition. Rinse remaining liquid with water

6.4 Reference to other sections See Also Section 7, 8, 13.

6.5 Additional information: For waste Disposal: Follow local regulations for discharge of waste effluent.

SECTION VII: SAFE HANDLING AND STORAGE

7.1 Precautions for safe handling Avoid breathing vapor. Avoid ingestion. Use only in well-ventilated areas. Avoid inhalation of high concentrations of vapors. Keep away from oxidizing, reducing agents. Keep away from fire, sparks and heated surfaces - no smoking.

7.2 Conditions for safe storage, including any incompatibilities Store in a well-ventilated place. Do not use or store near heat or open flame. Do not store and transport with oxidizers etc.

Keep container closed when not in use.

Storage Temperature < 50 °C.

Storage Life Not available. Incompatible materials:

Oxidizing agents, Strong Acids

7.3 Specific end use(s): Not applicable



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SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits:

US. Workplace Environmental Exposure Level (WEEL) Guides

D-limonene (CAS 5989-27-5) TWA 165.5 mg/m³

8.1.2 Biological limit value: Biological limit values are not available for this product.

8.1.3 PNECs and DNELs No PNECs and/or DNELs are available for this product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls: Guarantee sufficient ventilation during and after use, in order to prevent vapor accumulation.

8.2.2 Personal protection equipment

Protective Handwear:: Gloves recommended preventing drying of hands.
Protective Eyewear: Safety glasses with side shields or goggles
Other protective clothing: Not required.
Respiratory Apparatus: Adequate fresh air ventilation recommended
Local/mechanical exhaust: Not required. Not normally required if good ventilation is maintained.

8.2.3 Environmental Exposure Controls: Adequate ventilation must be used. Guarantee sufficient ventilation during and after use, in order to prevent vapor accumulation.

SECTION IX: PHYSICAL DATA

Physical State:	Liquid	Odor:	Peach
Appearance:	Gold	Odor Threshold:	N/E
Specific Gravity:	0.870	Vapor Pressure:	N/AP
Vapor Density :(Air=1)	N/Av	Evaporation rate:	N/E
Boiling Point: (°C.)	N/Av	Freezing Point: (°C.)	-40
Solubility in Water:	N/Av	pH factor:	10.64
Flash Point/Method op. cup: (°C.)	72°C	% Volatile:	N/E
Explosive limits	No	Oxidizer	No
Water solubility	N/Av	Viscosity	N/E
Partition coefficient	N/Av	Auto ignition temperature	N/E
Decomposition Temperature	N/Av	Explosive properties	N/E

SECTION X: STABILITY AND REACTIVITY DATA

10.1 Reactivity: Strong oxidizing agents, strong reducing acids

10.2 Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions: Can react if in contact with – strong oxidizing agents.

10.4 Conditions to avoid: Avoid contact with heat and ignition sources.

10.5 Incompatible materials: Strong oxidizing agents, strong reducing acids

10.6 Hazardous Decomposition Product(s): Carbon monoxide, Carbon dioxide.

10.7 Hazardous polymerization: Will not occur

SECTION XI: TOXICOLOGICAL INFORMATION

Information on toxicological effects:

11.1.1 Information on likely routes of exposure. Signs and Symptoms of short term exposure:

Inhalation: May slightly irritate respiratory system, if used in poorly ventilated area

Skin & Eyes: May cause eye irritation.

Ingestion: No toxic effects are expected, but consult a physician if nausea develops.

11.1.2 Mixtures

Acute Oral Toxicity Estimate LD 50 (Oral, rat) \geq 4,066 mg / kg



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Acute Dermal Toxicity Estimate	LD 50 (Dermal, rat) \geq 2,400 mg / kg
Irritation	Causes eye irritation.
Skin sensitization:	No
Corrosivity:	No
Carcinogenicity Data:	The ingredients of this product is not classed as carcinogenic by ACGIH, IARC, OSHA
Reproductive Data:	No adverse reproductive effects are anticipated
Mutagenicity Data:	No adverse reproductive effects are anticipated
Skin sensitization:	Is not a skin sensitizer
11.2 Other information:	None

SECTION XII: ECOLOGICAL INFORMATION

12.1 Toxicity

96 hour LC₅₀ (Tilapia Nilotica) = 22.6 mg/l
96 hour LC₅₀ (Rainbow trout) = 20 mg/l
48 hour EC₅₀ (Daphnia magna) = 27ppm
72 hour EC₅₀ (Raphidocelis subcapitata) = 40 mg/l

12.2 Persistence and degradability:	Readily biodegradable
12.3 Bioaccumulative potential	Not Available
12.4 Mobility in soil	Not Available
12.5 Results of PBT and vPvB assessment	No data.
12.6 Other adverse effects:	None

SECTION XIII: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Consult your local regional authority for disposal options
13.2 Additional Information Avoid release to the environment.

SECTION XIV: TRANSPORTATION INFORMATION

14.1 ADR Classification	Not Regulated
14.2 US 49 CFR/DOT (Department of Transportation)	Not Regulated (Non-bulk packaging)
14.3 TDG (Canada Transport of Dangerous Goods)	Not Regulated
14.4 ICAO/IATA	Not Regulated
14.5 IMO/IMDG	Not Regulated

SECTION XV: REGULATORY INFORMATION

15.1. US Federal Information:

OSHA: This material is classified as hazardous under OSHA regulations (29 CFR 1910.1200) (Hazcome 2012).
Hazardous classification:

Combustible liquid (Category 4),
Aspiration hazard (Category 1)
Eye irritation (Category 2B)

USA TSCA (Toxic Substance Control Act): All chemicals listed

US CERCLA Reportable quantity (RQ): N/Ap

SARA TITLE III: Sec.302. 40 CFR 355: No extremely hazardous substances are present in this material.

SARA TITLE III: Sec.313. 40 CFR 372 This substance contains no materials subject to the reporting requirements of SARA (III) Section 313

SARA TITLE III: Sec.311 and 312. 40 CFR 370 MSDS Requirements. Hazardous Classes: Fire Hazard; Acute Health Hazard. Under SARA Section 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is low, for extremely hazardous substances and 10,000 pounds for all the other hazardous chemicals.



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US State Right to Know Law

Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels under which would be subject to the proposition.

Other states

Ingredient(s)	CAS	CA	MA	MN	NJ	PA	RI
d-Limonene	5989-7-5	No	No	No	No	No	No
Glycol	1569-01-3	No	No	No	No	No	No

International information

Canadian Environmental Protection Act (CEPA) All ingredients listed appear on the Domestic Substances List (DSL)

15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Union (EINECS/ELINCS): All chemicals listed

Canada WHMIS Classification Class B 3, Combustible Liquid, Class D 2B (Mild Eye irritation)

15.3 Chemical Safety Assessment: COMBUSTIBLE LIQUID, ASPIRATION HAZARD, IRRITANT TO EYES

SECTION XVI: ADDITIONAL INFORMATION

Information for this Safety Data Sheet was prepared from sources considered reliable. While every effort has been made to ensure full disclosure of product hazards, data is not available in some cases and is so stated where applicable. The manufacturer assumes no liability or responsibility, and no warranty is expressed or implied, in cases where products are mishandled, misused or instructions are not strictly observed. Each recipient of this SDS is encouraged to study it carefully to fully understand this product

SECTION X: PREPARATION INFORMATION

Prepared by:
Esporta Wash Systems Inc

Telephone:
1-800-881-7781

Date:
Apr 19, 2018

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May 19, 2016