

## Material Safety Data Sheet

# Pro Microflo

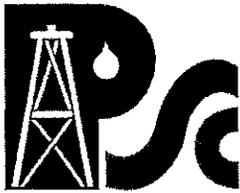
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

### 1. Product and Company Identification

<b>Material name</b>	Pro Microflo
<b>Patent Number</b>	Not available
<b>Revision date</b>	February-26-2010
<b>Version No.</b>	4
<b>CAS #</b>	Mixture
<b>Manufacturer information</b>	Producers Service Corp. 109 South Graham St. Zanesville, OH 43701 US Product Safety (740) 454-6253 24 Hr customer Service (740) 454-6253
<b>Emergency</b>	24 Hr customer Service (740) 454-6253
<b>Supplier information</b>	Producers Service Corp. 109 South Graham St. Zanesville, OH 43701 US
<b>Supplier emergency telephone number(s)</b>	24hr customer Service 740-454-6253

### 2. Hazards Identification

<b>Emergency overview</b>	WARNING  FLAMMABLE LIQUID AND VAPOR.  Harmful in contact with eyes. Cancer hazard. May cause eye and skin irritation. Prolonged exposure may cause chronic effects. Components of the product may be absorbed into the body by inhalation, ingestion and through the skin.
<b>OSHA regulatory status</b>	This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
<b>Potential health effects</b>	
<b>Eyes</b>	Eye contact may result in corneal injury. Contact may irritate or burn eyes. Do not get this material in contact with eyes.
<b>Skin</b>	Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Do not get this material in contact with skin.
<b>Inhalation</b>	Prolonged inhalation may be harmful. May cause cancer by inhalation. Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Ingestion</b>	May cause delayed lung damage. Do not ingest. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Components of the product may be absorbed into the body by ingestion.
<b>Target organs</b>	Central nervous system. Eyes. Lungs. Respiratory system. Skin.



<b>Chronic effects</b>	Shortness of breath. Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage. Prolonged skin contact may defat the skin and produce dermatitis.
<b>Signs and symptoms</b>	Discomfort in the chest. Shortness of breath. Corneal damage. Narcosis. Decrease in motor functions. Behavioral changes. Cough. Conjunctivitis. Defatting of the skin. Rash. Irritation.
<b>Potential environmental effects</b>	May cause long-term adverse effects in the environment.

### 3. Composition / Information on Ingredients

Components	CAS #	Percent
Alcohol Ethoxylated (C8 C10 4.5 mol)	68439-45-2	10 - 30
Isopropyl alcohol	67-63-0	10 - 30
Ethylene Glycol	107-21-1	7 - 13
D-Limonene	5989-27-5	5 - 10
Heavy Aromatic Naphtha	64741-67-9	3 - 7
Naphthalene	91-20-3	0,5 - 1,5

### 4. First Aid Measures

#### First aid procedures

<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.
<b>Skin contact</b>	Immediately flush skin with plenty of water. Get medical attention if irritation develops or persists. Remove and isolate contaminated clothing and shoes. For minor skin contact, avoid spreading material on unaffected skin.
<b>Inhalation</b>	Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician if symptoms develop or persist.
<b>Ingestion</b>	Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.

**Notes to physician** In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General advice** If exposed or concerned: get medical attention/advice. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves:

### 5. Fire Fighting Measures

**Flammable properties** Flammable by OSHA criteria. Containers may explode when heated. Runoff to sewer may cause fire or explosion hazard.



#### Extinguishing media

**Suitable extinguishing media** Water. Dry chemical, CO2, water spray or regular foam.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

#### Protection of firefighters

**Protective equipment and precautions for firefighters** In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Move containers from fire area if you can do it without risk. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

### 6. Accidental Release Measures

#### Personal precautions

Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away. Stay upwind. Keep out of low areas.

#### Methods for containment

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

#### Methods for cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. After removal flush contaminated area thoroughly with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

Never return spills in original containers for re-use.

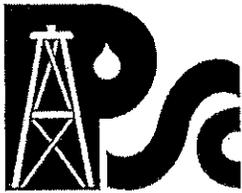
### 7. Handling and Storage

#### Handling

Do not handle or store near an open flame, heat or other sources of ignition. Do not breathe vapors or spray mist. Avoid prolonged exposure. Use only with adequate ventilation. All equipment used when handling the product must be grounded. Wear personal protective equipment. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid release to the environment. Wash thoroughly after handling.

#### Storage

Refrigeration recommended. Keep away from heat and flame. Keep tightly closed in a dry, cool and well-ventilated place. Store in accordance with local/regional/national/international regulation. The pressure in sealed containers can increase under the influence of heat. Keep this material away from food, drink and animal feed. Keep out of the reach of children. Use care in handling/storage.



## 8. Exposure Controls / Personal Protection

### Exposure limits

#### ACGIH

Components	CAS #	TWA	STEL	Ceiling
Isopropyl alcohol	67-63-0	200 ppm	400 ppm	Not established
Ethylene Glycol	107-21-1	Not established	Not established	100 mg/m <sup>3</sup>
Naphthalene	91-20-3	10 ppm	15 ppm	Not established

#### OSHA

Components	CAS #	TWA	STEL	Ceiling
Isopropyl alcohol	67-63-0	400 ppm	Not established	Not established
Naphthalene	91-20-3	10 ppm	Not established	Not established

### Engineering controls

Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

#### Eye / face protection

Do not get this material in contact with eyes. Wear chemical goggles.

#### Skin protection

Do not get this material in contact with skin. Protective gloves. Impervious gloves.

#### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### General hygiene considerations

Do not get this material in contact with eyes. Do not get this material in contact with skin. When using do not eat or drink. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

Appearance	Clear water-white to light yellow liquid.
Color	Colorless
Odor	Mild. Alcoholic.
Odor threshold	Not available
Physical state	Liquid.
Form	Liquid.
pH	5.5 - 7.5
Melting point	10.4 °F (-11.5 °C) estimated
Freezing point	Not available
Boiling point	185 °F (85 °C)
Flash point	104 °F (40 °C)
Evaporation rate	Not available
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not available



<b>Vapor density</b>	Not available
<b>Specific gravity</b>	0.97 - 1.03
<b>Relative density</b>	8.07
<b>Solubility (water)</b>	Not available
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>VOC</b>	21.3 % estimated

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Caustics.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

<b>Acute effects</b>	Acute LD50: 10199 mg/kg estimated, Rat, Oral Acute LD50: 29787 mg/kg estimated, Rat, Dermal Acute LC50: 955 mg/l/4h estimated, Rat, Inhalation
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### Component analysis - LD50

#### Toxicology Data - Selected LD50s and LC50s

D-Limonene	5989-27-5	Oral LD50 Rat: 4400 mg/kg; Dermal LD50 Rabbit: >2000 mg/kg
Ethylene Glycol	107-21-1	Oral LD50 Rat: 4000 mg/kg; Dermal LD50 Rabbit: 9530 µL/kg
Isopropyl alcohol	67-63-0	Inhalation LC50 Rat: 72.6 mg/L/4H; Oral LD50 Rat: 4396 mg/kg; Dermal LD50 Rat: 12800 mg/kg; Dermal LD50 Rabbit: 12870 mg/kg
Naphthalene	91-20-3	Inhalation LC50 Rat: >340 mg/m <sup>3</sup> /1H; Oral LD50 Rat: 490 mg/kg; Dermal LD50 Rat: >2500 mg/kg; Dermal LD50 Rabbit: >20 g/kg

<b>Sensitization</b>	Not expected to be hazardous by OSHA criteria.
<b>Local effects</b>	Contact may irritate or burn eyes. Components of the product may be absorbed into the body through the skin.
<b>Chronic effects</b>	Hazardous by OSHA criteria. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects.

<b>Carcinogenicity</b>	Hazardous by OSHA criteria.
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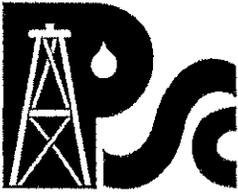
#### ACGIH - Threshold Limit Values - Carcinogens

Ethylene Glycol	107-21-1	A4 - Not Classifiable as a Human Carcinogen
Isopropyl alcohol	67-63-0	A4 - Not Classifiable as a Human Carcinogen
Naphthalene	91-20-3	A4 - Not Classifiable as a Human Carcinogen

#### NTP (National Toxicology Program) - Report on Carcinogens - Reasonably Anticipated to be Human Carcinogens

Naphthalene	91-20-3	Reasonably Anticipated To Be A Human Carcinogen
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<b>Neurological effects</b>	Hazardous by OSHA criteria.
<b>Epidemiology</b>	Hazardous by OSHA criteria.
<b>Further information</b>	Symptoms may be delayed.



## 12. Ecological Information

**Ecotoxicity** LC50 579 mg/L estimated, Fish, 96.00 Hours,  
IC50 13158 mg/L estimated, Algae, 72.00 Hours,

**Ecotoxicity - Freshwater Algae Data**

Ethylene Glycol	107-21-1	96 Hr EC50 <i>Selenastrum capricornutum</i> : 6500-1300 mg/L
Isopropyl alcohol	67-63-0	96 Hr EC50 <i>Scenedesmus subspicatus</i> : >1000 mg/L; 72 Hr EC50 <i>Scenedesmus subspicatus</i> : >1000 mg/L
Naphthalene	91-20-3	96 Hr EC50 <i>Skeletonema costatum</i> : 0.4 mg/L

**Ecotoxicity - Freshwater Fish Species Data**

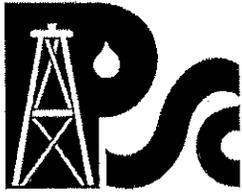
D-Limonene	5989-27-5	96 Hr LC50 <i>Pimephales promelas</i> : 702 mg/L [flow-through]
Ethylene Glycol	107-21-1	96 Hr LC50 <i>Oncorhynchus mykiss</i> : 41000 mg/L; 96 Hr LC50 <i>Lepomis macrochirus</i> : 27500 mg/L; 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 40761 mg/L [static]; 96 Hr LC50 <i>Pimephales promelas</i> : 49000 mg/L [static]; 96 Hr LC50 <i>Poecilia reticulata</i> : 16000 mg/L [static]
Isopropyl alcohol	67-63-0	96 Hr LC50 <i>Pimephales promelas</i> : 9640 mg/L [flow-through]; 96 Hr LC50 <i>Pimephales promelas</i> : 94900 mg/L [flow-through] (29 days old); 96 Hr LC50 <i>Pimephales promelas</i> : 61200 mg/L [flow-through] (31 days old)
Naphthalene	91-20-3	96 Hr LC50 <i>Pimephales promelas</i> : 6.14 mg/L [flow-through]; 96 Hr LC50 <i>Oncorhynchus mykiss</i> : 1.60 mg/L [flow-through] (juvenile); 96 Hr LC50 <i>Pimephales promelas</i> : 6.08 mg/L [flow-through]; 96 Hr LC50 <i>Pimephales promelas</i> : 1.99 mg/L [static]

**Ecotoxicity - Microtox Data**

Ethylene Glycol	107-21-1	30 min EC50 <i>Photobacterium phosphoreum</i> : 620.0 mg/L; 30 min EC50 <i>Photobacterium phosphoreum</i> : 620 mg/L; 16 Hr EC50 <i>Pseudomonas putida</i> : 10000 mg/L
Isopropyl alcohol	67-63-0	5 min EC50 <i>Photobacterium phosphoreum</i> : 35390 mg/L
Naphthalene	91-20-3	30 min EC50 <i>Photobacterium phosphoreum</i> : 0.93 mg/L; 18 Hr EC50 <i>Pseudomonas putida</i> : >20 mg/L

**Ecotoxicity - Water Flea Data**

Ethylene Glycol	107-21-1	48 Hr EC50 water flea: 46300 mg/L
Isopropyl alcohol	67-63-0	48 Hr EC50 <i>Daphnia magna</i> : 13299 mg/L
Naphthalene	91-20-3	48 Hr EC50 water flea: 2.16 mg/L



**Environmental effects**

**Ecotoxicity - Freshwater Algae Data**

Ethylene Glycol	107-21-1	96 Hr EC50 Selenastrum capricornutum: 6500-1300 mg/L
Isopropyl alcohol	67-63-0	96 Hr EC50 Scenedesmus subspicatus: >1000 mg/L; 72 Hr EC50 Scenedesmus subspicatus: >1000 mg/L
Naphthalene	91-20-3	96 Hr EC50 Skeletonema costatum: 0.4 mg/L

**Ecotoxicity - Freshwater Fish Species Data**

D-Limonene	5989-27-5	96 Hr LC50 Pimephales promelas: 702 mg/L [flow-through]
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Naphthalene	91-20-3	96 Hr LC50 Pimephales promelas: 6.14 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 1.60 mg/L [flow-through] (juvenile); 96 Hr LC50 Pimephales promelas: 6.08 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 1.99 mg/L [static]

**Ecotoxicity - Microtox Data**

Ethylene Glycol	107-21-1	30 min EC50 Photobacterium phosphoreum: 620.0 mg/L; 30 min EC50 Photobacterium phosphoreum: 620 mg/L; 16 Hr EC50 Pseudomonas putida: 10000 mg/L
Isopropyl alcohol	67-63-0	5 min EC50 Photobacterium phosphoreum: 35390 mg/L
Naphthalene	91-20-3	30 min EC50 Photobacterium phosphoreum: 0.93 mg/L; 18 Hr EC50 Pseudomonas putida: >20 mg/L

**Ecotoxicity - Water Flea Data**

Ethylene Glycol	107-21-1	48 Hr EC50 water flea: 46300 mg/L
Isopropyl alcohol	67-63-0	48 Hr EC50 Daphnia magna: 13299 mg/L
Naphthalene	91-20-3	48 Hr EC50 water flea: 2.16 mg/L

**13. Disposal Considerations**

**Waste codes**

D001: Waste Flammable material with a flash point <140 F

**U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics**

Naphthalene	91-20-3	waste number U165
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**Disposal instructions**

Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Dispose in accordance with all applicable regulations.

**14. Transport Information**

**Department of Transportation (DOT) Requirements**

Not regulated as hazardous goods.



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**Department of Transportation (DOT) Requirements****Bulk****Basic shipping requirements:**

<b>Proper shipping name</b>	Combustible liquid, n.o.s. (ISOPROPYL ALCOHOL)
<b>Hazard class</b>	Comb liq
<b>Subsidiary hazard class</b>	None
<b>UN number</b>	NA1993
<b>Packing group</b>	III
<b>Additional information:</b>	
<b>Special provisions</b>	IB3, T1, T4, TP1
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	203
<b>Packaging bulk</b>	241

**Canadian Transportation of Dangerous Goods (TDG) Requirements****Basic shipping requirements:**

<b>Proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL)
<b>Hazard class</b>	3
<b>UN number</b>	UN1993
<b>Packing group</b>	III
<b>Marine pollutant</b>	•
<b>Additional information:</b>	
<b>Special provisions</b>	16

**IMDG****Basic shipping requirements:**

<b>Proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (ISOPROPYL ALCOHOL)
<b>Hazard class</b>	3
<b>Subsidiary hazard class</b>	•
<b>UN number</b>	1993
<b>Packing group</b>	III

**IATA****Basic shipping requirements:**

<b>Proper shipping name</b>	Flammable liquid, n.o.s. (ISOPROPYL ALCOHOL)
<b>Hazard class</b>	3
<b>UN number</b>	1993
<b>Packing group</b>	III





## 15. Regulatory Information

### Labelling

**Contains** Alcohol Ethoxylated (C8 C10 4.5 mol), D-Limonene, Ethylene Glycol, Heavy Aromatic Naphtha, Isopropyl alcohol, Naphthalene

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

#### FEMA (Flavor and Extract Manufacturers Association) - FEMA Numbers

D-Limonene	5989-27-5	2633
Isopropyl alcohol	67-63-0	2929

#### NTP (National Toxicology Program) - Report on Carcinogens - Reasonably Anticipated to be Human Carcinogens

Naphthalene	91-20-3	Reasonably Anticipated To Be A Human Carcinogen
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#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Ethylene Glycol	107-21-1	1.0 % de minimis concentration
Isopropyl alcohol	67-63-0	1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

Naphthalene	91-20-3	0.1 % de minimis concentration
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#### U.S. - FDA - Color Additives Conditionally Approved for Use in Foods

Isopropyl alcohol	67-63-0	21 CFR 73.1
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#### U.S. - FDA - Direct Food Additives

Isopropyl alcohol	67-63-0	21 CFR 172.515, 21 CFR 173.240, 21 CFR 173.340
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#### U.S. - FDA - Food Additives Generally Recognized as Safe (GRAS)

D-Limonene	5989-27-5	21 CFR 182.60
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#### U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification

Naphthalene	91-20-3	Section 4, 0.1 % de minimus concentration
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### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

### CERCLA (Superfund) reportable quantity

Ethylene Glycol: 5000.0000

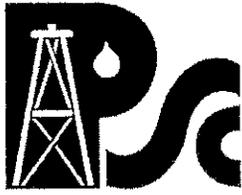
Naphthalene: 100.0000

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<b>Hazard categories</b>	Immediate Hazard - Yes
	Delayed Hazard - Yes
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes



**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

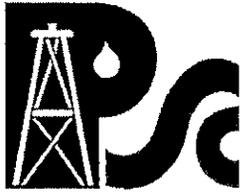
**International regulations**

**Canada - WHMIS - Ingredient Disclosure List**

D-Limonene	5989-27-5	1 %
Ethylene Glycol	107-21-1	1 %
Isopropyl alcohol	67-63-0	1 %
Naphthalene	91-20-3	1 %

**IARC - Group 2B (Possibly Carcinogenic to Humans)**

Naphthalene	91-20-3	Monograph 82 [2002]
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## State regulations

WARNING: This product contains a chemical known to the State of California to cause cancer.

### U.S. - California - Proposition 65 - Carcinogens List

Naphthalene 91-20-3 carcinogen, Initial date 4/19/02

### U.S. - Massachusetts - Right To Know List

Ethylene Glycol 107-21-1 Present  
Isopropyl alcohol 67-63-0 Present  
Naphthalene 91-20-3 Present

### U.S. - Minnesota - Hazardous Substance List

Ethylene Glycol 107-21-1 Present (particulate and vapor)  
Isopropyl alcohol 67-63-0 Present  
Naphthalene 91-20-3 Present

### U.S. - New Jersey - Right to Know Hazardous Substance List

D-Limonene 5989-27-5 sn 2643 (flammable, liquid, toxic, flash point less than 23°C); sn 2642 (flammable, liquid, toxic, flash point between 23°C and 61°C); sn 2644 (liquid, toxic); sn 2645 (solid, toxic)  
Ethylene Glycol 107-21-1 sn 0878  
Isopropyl alcohol 67-63-0 sn 1076; sn 2381 (strong-acid process manufacture)  
Naphthalene 91-20-3 sn 1322

### U.S. - Pennsylvania - RTK (Right to Know) List

Ethylene Glycol 107-21-1 Environmental hazard  
Isopropyl alcohol 67-63-0 Environmental hazard  
Naphthalene 91-20-3 Environmental hazard

### U.S. - Rhode Island - Hazardous Substance List

Ethylene Glycol 107-21-1 Toxic; Flammable  
Isopropyl alcohol 67-63-0 Toxic; Flammable  
Naphthalene 91-20-3 Toxic; Flammable

### U.S. - Texas - Effects Screening Levels - Long Term

Ethylene Glycol 107-21-1 10 ppb ESL (46% Ethylene glycol); 26 µg/m3 ESL (46% Ethylene glycol)  
Isopropyl alcohol 67-63-0 320 ppb ESL (odor); 785 µg/m3 ESL (odor)  
Naphthalene 91-20-3 9 ppb ESL (odor); 44 µg/m3 ESL (odor)

### U.S. - Texas - Effects Screening Levels - Short Term

Ethylene Glycol 107-21-1 100 ppb ESL (46% ethylene glycol); 260 µg/m3 ESL (46% ethylene glycol)  
Isopropyl alcohol 67-63-0 3200 ppb ESL (odor); 7850 µg/m3 ESL (odor)  
Naphthalene 91-20-3 90 ppb ESL (odor); 440 µg/m3 ESL (odor)

## 16. Other Information

### HMIS® ratings

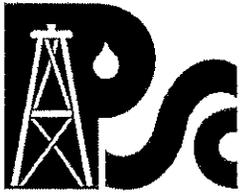
Health: 2  
Flammability: 2  
Physical hazard: 0

### NFPA ratings

Health: 2  
Flammability: 2  
Instability: 0

### Prepared by

Product Stewardship  
515 Post Oak Blvd  
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**Issue date**

February-26-2010

**MSDS sections updated**

Composition / Information on Ingredients: Ingredients  
Fire Fighting Measures: Fire & Explosion Properties  
Physical & Chemical Properties: Physical & Chemical Properties  
Physical & Chemical Properties: Odor  
Physical & Chemical Properties: Color