



Up YOUR Gas

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Up YOUR Gas**

Other means of identification : 0189, 90189, 00146, 00148

Recommended use of the chemical and restrictions on use

: Fuel system treatment  
No restrictions on use known.

Chemical family

: Mixture.

Name, address, and telephone number  
of the supplier:

**FPPF Chemical Company, Inc.**

100 Dingens St.  
Buffalo, NY, USA 14206

Supplier's Telephone # : (800) 735 3773

24 Hr. Emergency Tel # : PERS: North America 1-800-633-8253; International : +1-801-629-0667

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Amber liquid. Petroleum odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification

Flammable Liquid - Category 4

Skin Irritation - Category 2

Serious eye damage/eye irritation - Category 2A

Specific target organ toxicity, single exposure - Category 3 (narcotic effects)

Specific target organ toxicity, single exposure - Category 3 (respiratory)

Aspiration Toxicity - Category 1

Label elements

Hazard pictogram(s)



Signal Word

DANGER!

Hazard statement(s)

Combustible liquid.

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness and dizziness.

May be fatal if swallowed and enters airways.



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### Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking Avoid breathing fumes, mists or vapors. Use only outdoors or in a well-ventilated area. Wash hands and face thoroughly after handling. Wear protective gloves/eye protection/face protection.

In case of fire: Use alcohol-resistant foam, carbon dioxide or dry chemical to extinguish. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention. 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 advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Other hazards

Other hazards which do not result in classification: Burning produces obnoxious and toxic fumes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Environmental precautions: Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Petroleum distillates	Not available	Proprietary	Proprietary
Glycol	Not available	Proprietary	Proprietary
Primary alcohol	Not available	Proprietary	Proprietary
Light aromatic naphtha	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 1	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 2	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 3	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 4	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 5	Not available.	Proprietary	Proprietary
Ester	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 6	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 7	Not available.	Proprietary	Proprietary
Aromatic hydrocarbon 8	Not available	Proprietary	Proprietary
Aromatic hydrocarbon 9	Not available	Proprietary	Proprietary



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Aromatic hydrocarbon 10	Ethylbenzol Phenylethane	Proprietary	<0.01
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The exact concentrations of the above listed chemicals are being withheld as a trade secret.

### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Inhalation* : If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention.
- Eye contact* : 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 advice/attention.

#### Most important symptoms and effects, both acute and delayed

- : Causes skin irritation. Symptoms include redness, swelling and sloughing of skin cells (flaking). Causes serious eye irritation. Symptoms may include tearing, redness and discomfort. Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. May cause drowsiness and dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.

#### Indication of any immediate medical attention and special treatment needed

- : Immediate medical attention is required. Aspiration hazard. Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable extinguishing media* : Dry chemical, foam, carbon dioxide and water fog.

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

#### Special hazards arising from the substance or mixture / Conditions of flammability

- : Combustible liquid. Vapours are heavier than air and collect in confined and low-lying areas. Vapors may travel considerable distance to a source of ignition and flash back. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

#### Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquid - Category 4

#### Hazardous combustion products

- : Carbon monoxide, carbon dioxide, reactive hydrocarbons, aldehydes

#### Special protective equipment and precautions for firefighters

- Protective equipment for fire-fighters* : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

*Special fire-fighting procedures*



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- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply or any natural waterway. Dike for water control.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

- : Evacuate personnel to safe areas. Keep all other personnel upwind and away from the spill/release. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

- Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

#### Methods and material for containment and cleaning up

- : Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. Bond and ground transfer containers and equipment to avoid static accumulation. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

#### Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802).

### SECTION 7. HANDLING AND STORAGE

#### Precautions for safe handling

- : Use only outdoors or in a well-ventilated area. Keep away from flames and hot surfaces. - No smoking. Wear protective gloves/clothing and eye/face protection. Avoid breathing fumes, mists or vapors. Do not eat, drink or smoke when using this product. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contact with incompatible materials.

- Conditions for safe storage** : Store in a well ventilated place. Keep cool. Keep container tightly closed. Store locked up. Store away from incompatibles and out of direct sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

- Incompatible materials** : Strong oxidizing agents; Acids



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### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Petroleum distillates	200 mg/m <sup>3</sup> (as total hydrocarbon vapour)	N/Av	N/Av	N/Av
Glycol	20 ppm	N/Av	50 ppm (skin)	N/Av
Primary alcohol	200 ppm	400 ppm	400 ppm (980 mg/m <sup>3</sup> )	N/Av
Light aromatic naphtha	N/Av	N/Av	N/Av	N/Av
Aromatic hydrocarbon 1	25 ppm (trimethylbenzene isomers)	N/Av	25 ppm (trimethylbenzene isomers) (final rule limit)	N/Av
Aromatic hydrocarbon 2	50 ppm	N/Av	50 ppm ; 245 mg/m <sup>3</sup> (Skin)	N/Av
Aromatic hydrocarbon 3	25 ppm (trimethylbenzene isomers)	N/Av	25 ppm (trimethylbenzene isomers) (final rule limit)	N/Av
Aromatic hydrocarbon 4	100 ppm	150 ppm	100 ppm (435 mg/m <sup>3</sup> )	N/Av
Aromatic hydrocarbon 5	25 ppm (trimethylbenzene isomers)	N/Av	N/Av	N/Av
Ester	N/Av	N/Av	N/Av	N/Av
Aromatic hydrocarbon 6	10 ppm (skin)	N/Av	10 ppm ; 50 mg/m <sup>3</sup>	15ppm; 75mg/m <sup>3</sup>
Aromatic hydrocarbon 7	N/Av	N/Av	N/Av	N/Av
Aromatic hydrocarbon 8	20 ppm	N/Av	200 ppm	300 ppm (Ceiling)
Aromatic hydrocarbon 9	0.5 ppm (skin)	2.5 ppm (skin)	10 ppm	25 ppm (Ceiling)
Aromatic hydrocarbon 10	20 ppm	N/Av	100 ppm (435 mg/m <sup>3</sup> )	N/Av

#### Exposure controls

##### Ventilation and engineering measures

- : Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use non-sparking equipment. In case of insufficient ventilation wear suitable respiratory equipment.

##### Respiratory protection

- : If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.



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- Skin protection** : Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye / face protection** : Wear eye/face protection. Wear safety glasses with side shields ( or goggles).
- Other protective equipment** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.
- General hygiene considerations** : Avoid breathing fumes, mists or vapors. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State** : Liquid
- Colour** : Amber
- Odour** : Petroleum solvent odor.
- Odour threshold** : N/Av
- pH** : N/Av
- Melting Point/Freezing point** : N/Av
- Initial boiling point and boiling range** : N/Av
- Flash point** : >61.1°C / >142°F
- Flashpoint (Method)** : Tag closed cup
- Evaporation rate (BuAe = 1)** : N/Av
- Flammability** : Flammable.
- Lower explosion or flammability limit (% by vol.)** : N/Av
- Upper explosion or flammability limit (% by vol.)** : N/Av
- Oxidizing properties** : None.
- Explosive properties** : Not explosive
- Vapour pressure** : N/Av
- Relative vapour density** : N/Av
- Relative density / Specific gravity** : N/Av
- Solubility in water** : Insoluble.
- Other solubility(ies)** : N/Av
- Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : N/Av
- Auto-ignition temperature** : N/Av
- Decomposition temperature** : N/Av
- Viscosity** : N/Av
- Particle characteristics** : N/Av
- Volatiles (% by weight)** : N/Av
- Volatile organic Compounds (VOC's)** : N/Av
- Absolute pressure of container** : N/Av
- Flame projection length** : N/Av



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### Other physical/chemical comments

: None reported by the manufacturer.

### SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Not normally reactive.

**Chemical stability** : Stable under normal conditions.

#### Possibility of hazardous reactions

: No dangerous reaction known under conditions of normal use.

**Conditions to avoid** : Avoid heat and open flame. Keep away from direct sunlight. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.

**Incompatible materials** : Strong oxidizing agents, Acids

#### Hazardous decomposition products

: Carbon oxides

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES

#### **Routes of exposure skin absorption**

: YES

#### Potential Health Effects:

##### Signs and symptoms of short-term (acute) exposure

###### *Sign and symptoms Inhalation*

: Inhalation may cause respiratory irritation and central nervous system depression. May cause coughing and breathing difficulties. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.

###### *Sign and symptoms ingestion*

: Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea.

###### *Sign and symptoms skin*

: Causes skin irritation. Symptoms include: Dryness, itching, cracking, burning, redness and swelling.

###### *Sign and symptoms eyes*

: Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.

##### Potential Chronic Health Effects

: None known or reported by the manufacturer.

**Mutagenicity** : Not expected to be mutagenic in humans.

**Carcinogenicity** : Not classifiable as a human carcinogen. Cumene and Naphthalene is classified as possibly carcinogenic by IARC (Group 2B)

##### Reproductive effects & Teratogenicity

: Not expected to cause reproductive effects.

**Sensitization to material** : Not expected to be a skin sensitizer.  
Not expected to be a respiratory sensitizer.

**Specific target organ effects** : Specific target organ toxicity, single exposure Category 3. May cause drowsiness and dizziness. May cause respiratory irritation.



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### Medical conditions aggravated by overexposure

: Pre-existing skin, eye, respiratory and central nervous system disorders.

### Synergistic materials

: None reported by the manufacturer.

### Toxicological data

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

The calculated ATE values for this mixture are:

ATE oral = 10604.45mg/kg

ATE dermal = 8000mg/kg

ATE inhalation (vapours) = 43.50 mg/L

See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Petroleum distillates	>6.03 mg/L (aerosol)	>5000 mg/kg	>2000 mg/kg
Glycol	450 ppm (2.175 mg/L)	530 mg/kg	400 - 500 mg/kg
Primary alcohol	17 000 ppm (41.8 mg/L) (vapour)	4720 mg/kg	12 890 mg/kg
Light aromatic naphtha	>17.7mg/L/4H (vapour)	8400 mg/kg	>3160 mg/kg
Aromatic hydrocarbon 1	18 mg/L	5000 mg/kg	> 3160 mg/kg
Aromatic hydrocarbon 2	8000 ppm; 39 mg/L	2260 mg/kg	10 627 mg/kg
Aromatic hydrocarbon 3	24 mg/L	23 000 mg/kg	>3160mg/kg
Aromatic hydrocarbon 4	6350 ppm (27.6 mg/L) (vapours)	3253 mg/kg	12 180 mg/kg
Aromatic hydrocarbon 5	N/Av	N/Av	N/Av
Ester	≥ 1.2, < 5.3 mg/L (aerosol)	2052 mg/kg	> 3000 mg/kg (No mortality)
Aromatic hydrocarbon 6	No information available.	490 mg/kg	>20,000 mg/kg
Aromatic hydrocarbon 7	N/Av	6040 mg/kg	N/Av
Aromatic hydrocarbon 8	7585 ppm (28.1 mg/L)	5580 mg/kg	12 125 mg/kg
Aromatic hydrocarbon 9	13 700 ppm (43.8 mg/L) (vapour)	930 mg/kg	> 8240 mg/kg
Aromatic hydrocarbon 10	4000 ppm (17.4 mg/L) (vapour)	3500 mg/kg	15 380 mg/kg

### Other important toxicological hazards

: None known or reported by the manufacturer.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

: Not expected to be harmful to aquatic organisms. See the following tables for individual ingredient ecotoxicity data.





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### Ecotoxicity data:

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Petroleum distillates	Proprietary	45 mg/L (Fathead minnow)	N/Av	None.
Glycol	Proprietary	1490 mg/L (Lepomis macrochirus)	>100mg/L (Zebra fish)	none
Primary alcohol	Proprietary	9640 mg/L (Fathead minnow)	N/Av	None.
Light aromatic naphtha	Proprietary	9.22 mg/L (Rainbow trout)	N/Av	None.
Aromatic hydrocarbon 1	Proprietary	7.19 - 8.28 mg/L (Fathead minnow)	N/Av	None.
Aromatic hydrocarbon 2	Proprietary	4.5mg/L (Rainbow trout)	0.38mg/L QSAR	None.
Aromatic hydrocarbon 3	Proprietary	12.52 mg/L (Goldfish)	N/Av	None.
Aromatic hydrocarbon 4	Proprietary	8.2 mg/L (Rainbow trout)	N/Av	None.
Ester	Proprietary	17.1 mg/L (Golden orfe)	N/Av	None.
Aromatic hydrocarbon 6	Proprietary	0.96 mg/L (pink salmon)	0.12mg/L (40 days) (pink salmon)	none
Aromatic hydrocarbon 7	Proprietary	5.4 mg/L (pink salmon)	1.4 - 4 mg/L	None.
Aromatic hydrocarbon 9	Proprietary	5.3 mg/L (Rainbow trout) (OECD)	0.8 mg/L/32 days NOEL (OECD)	None.
Aromatic hydrocarbon 10	Proprietary	4.2 mg/L (Rainbow trout)	1.13 mg/L (30 days) (QSAR)	None.



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<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Petroleum distillates	Proprietary	N/Av	N/Av	N/Av
Glycol	Proprietary	835mg/L (Daphnia magna)	100mg/L (Daphnia magna)	none
Primary alcohol	Proprietary	> 10 000 mg/L/24hr (Daphnia magna)	30 mg/L	None.
Light aromatic naphtha	Proprietary	6.16 mg/L (Daphnia magna)	N/Av	None.
Aromatic hydrocarbon 1	Proprietary	6.14 mg/L (Daphnia magna)	N/Av	None.
Aromatic hydrocarbon 21	Proprietary	2.14 mg/L (Daphnia magna)	0.35mg/L	None.
Aromatic hydrocarbon 3	Proprietary	6 mg/L (Daphnia magna)	0.4mg/L	None.
Aromatic hydrocarbon 4	Proprietary	3.2 - 9.56 mg/L (Daphnia magna)	N/Av	None.
Ester	Proprietary	39 mg/L (Daphnia magna)	N/Av	None.
Aromatic hydrocarbon 6	Proprietary	3.4 mg/L/ Water flea	0.6mg/L	none
Aromatic hydrocarbon 8	Proprietary	3.78 mg/L (Daphnia magna)	0.53 - 1 mg/L	None.
Aromatic hydrocarbon 9	Proprietary	10 mg/L (Daphnia magna) (OECD)	N/Av	None.
Aromatic hydrocarbon 10	Proprietary	1.81 mg/L (Daphnia magna)	N/Av	None.



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<u>Ingredients</u>	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Petroleum distillates	Proprietary	N/Av	N/Av	N/Av
Glycol	Proprietary	911mg/L/72hr	286mg/L/72hr	none
Primary alcohol	Proprietary	N/Av	N/Av	None.
Light aromatic naphtha	Proprietary	N/Av	N/Av	N/Av
Aromatic hydrocarbon 1	Proprietary	N/Av	N/Av	None.
Aromatic hydrocarbon 2	Proprietary	1.29mg/L/72hr (Green algae)	0.73mg/L	None.
Aromatic hydrocarbon 3	Proprietary	3.191mg/L QSAR	N/Av	None.
Aromatic hydrocarbon 4	Proprietary	3.2 - 4.9 mg/L/72hr (Green algae)	N/Av	None.
Ester	Proprietary	11.5 mg/L/72hr (Green algae)	N/Av	None.
Aromatic hydrocarbon 6	Proprietary	0.4mg/L/72hr (Marine diatom)	N/Av	none
Aromatic hydrocarbon 8	Proprietary	N/Av	10 mg/L/72hr (Green algae)	None.
Aromatic hydrocarbon 9	Proprietary	29 mg/L/72hr (Green algae) (literature)	N/Av	None.
Aromatic hydrocarbon 10	Proprietary	3.6 mg/L/96hr (Green algae)	3.4 mg/L/96hr	None.

### Persistence and degradability

: No data is available on the product itself.

### Bioaccumulation potential

: No data is available on the product itself. See the following data for ingredient information.



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<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Light aromatic naphtha	2.1 - 6(calculated)	10-2500(calculated)
Glycol	0.81 at 25 °C	0.97
Aromatic hydrocarbon 6	3.7	30 - 430 species: fish
Aromatic hydrocarbon 1	3.78	31 - 275
Aromatic hydrocarbon 3	3.6 - 3.93	23 - 328
Aromatic hydrocarbon 4	3.12 - 3.2	50 - 58
Aromatic hydrocarbon 2	3.55 at 23 °C	224(calculated)
Petroleum distillates	5.1-8.8	N/Av
Primary alcohol	0.05	1.0
Aromatic hydrocarbon 7	3.68	
Ester	2.9	30
Aromatic hydrocarbon 8	2.65	
Aromatic hydrocarbon 9	2.13	10 (Fish)
Aromatic hydrocarbon 10	3.15	1.1 - 1.5

**Mobility in soil** : No data is available on the product itself.

**Other Adverse Environmental effects**

: The ecological characteristics of this product have not been fully investigated.

### SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

**Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations.

**RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.




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### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	NA1993	Combustible liquid, n.o.s. (Petroleum distillates	Combustible.	III	
<b>49CFR/DOT Additional information</b>	Not regulated for road or rail shipment if packaged in non-bulk containers (450 Litres or less each). The 'label' appearing here is the placard to be used for bulk shipments. This product meets the criteria for an environmentally hazardous material according to the IMDG Code.				
TDG	None	Not regulated.	not regulated	none	none
<b>TDG Additional information</b>	This product meets the criteria for an environmentally hazardous material according to the IMDG Code.				
IMDG	None.	Not regulated.	not regulated	none	none
<b>IMDG Additional information</b>	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	none
<b>ICAO/IATA Additional information</b>	None.				

**Special precautions for user** : Keep away from flames and hot surfaces. - No smoking.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

### SECTION 15 - REGULATORY INFORMATION

#### US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:



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<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Petroleum distillates	Proprietary	Yes	N/Ap	N/Av	No	No
Glycol	Proprietary	Yes	N/Ap	N/Av	No	No
Primary alcohol	Proprietary	Yes	None.	None.	No	No
Light aromatic solvent naphtha	Proprietary	Yes	N/Ap	N/Ap	No	No
Aromatic hydrocarbon 1	Proprietary	Yes	N/Ap	N/Ap	Yes	No
Aromatic hydrocarbon 2	Proprietary	Yes	5000 lb/ 2270 kg	N/Ap	Yes	No
Aromatic hydrocarbon 3	Proprietary	Yes	N/Ap	N/Av	No	No
Aromatic hydrocarbon 4	Proprietary	Yes	100 lb/ 45.4 kg	None.	Yes	No
Aromatic hydrocarbon 5	Proprietary	Yes	N/Ap	N/Av	No	No
Ester	Proprietary	Yes	None.	None.	No	No
Aromatic hydrocarbon 6	Proprietary	Yes	100 lb/ 45.4 kg	N/Av	Yes	Yes
Aromatic hydrocarbon 7	Proprietary	Yes	N/Ap	N/Av	No	No
Aromatic hydrocarbon 8	Proprietary	Yes	1000 lb/ 454 kg	None.	No	No
Aromatic hydrocarbon 9	Proprietary	Yes	10 lb / 4.54 kg	None.	Yes	Yes
Aromatic hydrocarbon 10	Proprietary	Yes	1000 lb/ 454 kg	None.	Yes	Yes

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Flammable; Skin irritation; Eye irritation; Specific target organ toxicity, single exposure; Aspiration hazard.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:



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<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Hydrotreated light petroleum distillates	Proprietary	No	N/Ap	No	No	No	No	No	No
Glycol	Proprietary	No	Not listed	Yes	Yes	Yes	Yes	Yes	Yes
Primary alcohol	Proprietary	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Light aromatic solvent naphtha	Proprietary	No	Not listed	No	No	No	No	No	No
Aromatic hydrocarbon 1	Proprietary	No	Not listed	No	Yes	Yes	Yes	Yes	No
Aromatic hydrocarbon 2	Proprietary	Yes	Carcinogen	Yes	Yes	Yes	Yes	Yes	Yes
Aromatic hydrocarbon 3	Proprietary	No	Not listed	Yes	Yes	No	No	No	No
Aromatic hydrocarbon 4	Proprietary	No	Not listed	Yes	Yes	Yes	Yes	Yes	Yes
Aromatic hydrocarbon 5	Proprietary	No	N/Ap	No	No	No	No	No	No
Ester	Proprietary	No	N/Ap	No	Yes	No	No	Yes	No
Aromatic hydrocarbon 6	Proprietary	Yes	Carcinogen	Yes	Yes	Yes	Yes	Yes	Yes
Aromatic hydrocarbon 7	Proprietary	No	N/Ap	No	Yes	No	Yes	Yes	No
Aromatic hydrocarbon 8	Proprietary	Yes	Developmental	No	No	Yes	No	No	Yes
Aromatic hydrocarbon 9	Proprietary	Yes	Cancer; male reproductive toxicity; Developmental	Yes	Yes	Yes	Yes	Yes	Yes
Aromatic hydrocarbon 10	Proprietary	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes

California Proposition 65: Furan; Proylene oxide, Acetaldehyde.

**Canadian Information:**

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

**International Information:**

Components listed below are present on the following International Inventory list:



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## SAFETY DATA SHEET

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Petroleum distillates	Proprietary	Proprietary	Present	Present	Present	Present	Present	No information available.
Glycol	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Primary alcohol	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Light aromatic naphtha	Proprietary	Proprietary	Present	Present	Present	Present	Present	May be used as a single component chemical under an appropriate group standard.
Aromatic hydrocarbon 1	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 2	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 3	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 4	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 5	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Ester	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 6	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 7	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 8	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 9	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present
Aromatic hydrocarbon 10	Proprietary	Proprietary	Present	Present	Present	Present	Present	Present

### SECTION 16. OTHER INFORMATION

**Legend**

- : ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- EC50: Effective Concentration 50%
- ENCS: Existing and New Chemical Substances
- EPA: Environmental Protection Agency
- IARC: International Agency for Research on Cancer
- IMDG: International Maritime Dangerous Goods
- KECI: Korean Existing Chemicals Inventory
- KECL: Korean Existing Chemicals List
- LC: Lethal Concentration /LD: Lethal Dose
- N/Av: Not Applicable / N/Av: Not Available
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit





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TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TPQ: Threshold Planning Quantity  
TSCA: Toxic Substance Control Act  
TWA: Time Weighted Average

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