

FPS Premium Winter Bio Diesel

SDS Number: 60345

Revision Date: 3/4/2019

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PRODUCT AND COMPANY IDENTIFICATION

Vendor

Fuel Performance Solutions
P.O. Box 903
Chesterton, IN 46304

Phone: 1-888-577-3935

Emergency: 1-800-424-9300 (Chemtrec)

Product Identifier: FPS Premium Winter Bio Diesel

Synonyms: Diesel Fuel Additive

SDS Number: 60345

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CAS Number: Blend

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 3
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 2
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H226 - Flammable liquid and vapour
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 - Use explosion-proof [electrical/ventilating/lighting] equipment.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.

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3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64742-95-6	35-45%	Solvent naphtha, petroleum, light arom.
95-63-6	<20%	1,2,4-Trimethylbenzene
34590-94-8	<15%	Dipropylene glycol methyl ether
64742-94-5	<10%	Solvent naphtha, petroleum, heavy arom.
1330-20-7	<3%	Xylene
91-20-3	<2%	Naphthalene
25551-13-7	<2%	Trimethyl benzene
98-82-8	<1%	Cumene

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

Eye Contact: Flush with water for several minutes. If effects occur, consult a physician.

Ingestion: Rinse mouth with water and drink 2-4 cups of water. Get immediate medical attention. Note to Physician: Activated charcoal may be administered.

5 FIRE FIGHTING MEASURES

Flash Point: >46 C (>115 F)

Use dry powder, foam, or carbon dioxide fire extinguishers.
Water may be ineffective unless used by experienced fire fighters.

6 ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition - Heat, sparks, flame, and electricity
Contain spilled material.
Collect in suitable and properly labeled containers.
Pick up excess with inert absorbant material
Keep away from drains and ground water.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing.
Keep away from sources of ignition.
Do not pressurize, cut, weld, braze, solder, drill, or grind containers.
Handle with care and avoid spillage on the floor (slippage).
Ground and bond containers when transferring material

Storage Requirements: Keep away from sources of ignition.
Store in a tightly closed container

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment: Use of safety glasses and gloves is recommended.

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Exposure Guidelines: **Light Aromatic Solvent Naphtha (Petroleum)**
 OSHA TWA: 500 ppm
 1,2,4-Trimethylbenzene
 ACGIH TWA: 25 ppm
 Xylene
 OSHA TWA: 100 ppm, 435 mg/m³

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance: Opaque Physical State: Liquid Spec Grav./Density: 0.90 at 60 F (Water = 1) Viscosity: Not available Boiling Point: Not available Flammability: Not available Partition Coefficient: Not available Vapor Pressure: Not available pH: Not available Evap. Rate: Not available Decomp Temp: Not available	Odor: Hydrocarbon-like Solubility: Nil in water Freezing/Melting Pt.: Not available Flash Point: >46 C (>115 F) Vapor Density: Not available Bulk Density: 7.50 lbs/gal
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10	STABILITY AND REACTIVITY
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Chemical Stability: Product is stable under normal conditions.

Conditions to Avoid: High temperatures above 50 C (122 F), sparks, and open flame.

Materials to Avoid: Avoid strong oxidizing agents. May burn or react violently to flourine/oxygen mixtures.

Hazardous Decomposition: Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

Hazardous Polymerization: Will not occur.

11	TOXICOLOGICAL INFORMATION
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Acute Toxicity
1,2,4-Trimethylbenzene
 LD50 Dermal Rabbit 3160 mg/kg
 LD50 Oral Rat 5000 mg/kg
 LD50 Oral Rat 3400 to 6000 mg/kg
 LC50 Inhalation, Vapor, Rat 18000 mg/m³ 4 hours

Light aromatic solvent naphtha (petroleum)
 LD50 Dermal Rabbit >3160 mg/kg
 LD50 Oral Rat 3492 mg/kg
 LC50 Inhalation, Vapor, Rat 6193 mg/m³ 4 hours

Sensitization None known.
Germ Cell Mutagenicity None known.
Carcinogenicity Cumene, IARC 2B
Reproductive toxicity None known.
Specific target organ systemic toxicity (repeated exposure) None known.

12	ECOLOGICAL INFORMATION
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Avoid exposing to the environment, no specific aquatic data available.

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13 DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements
Do not flush to surface water or drains

14 TRANSPORT INFORMATION

NA1993, -, Combustible liquid, n.o.s., PGIII, (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene.)

This material is not regulated for US DOT transportation in containers less than 119 gallons.

IMDG & IATA: UN1993, Flammable liquid, n.o.s., (Petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, III.

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[35-45%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[<20%] 1,2,4-Trimethylbenzene (95-63-6) MASS, NJHS, PA, SARA313, TSCA, TXAIR

[<15%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TXAIR

[<10%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[<3%] RQ(100LBS), Xylene (1330-20-7) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[<2%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[<2%] Trimethyl benzene (25551-13-7) MASS, OSHAWAC, PA, TSCA, TXAIR

[<1%] RQ(5000LBS), Cumene (98-82-8) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA) and the Canadian Domestic Substances List (DSL).



WARNING

This product can expose you to chemicals including Naphthalene and Cumene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Regulatory Code Legend

RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
OSHAWAC = OSHA workplace Air Contaminants
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA water Priority Chemicals
HAP = Hazardous Air Pollutants
TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)

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TXHWL = TX Hazardous Waste List

GADSL = Global Automotive Declarable Substance List (GADSL)

PRIPOL = Clean Water Act Priority Pollutants

PROP65 = CA Prop 65

TOXICPOL = Clean Water Act Toxic Pollutants

16	OTHER INFORMATION
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The information contained in this Safety Data Sheet relates only to the specific material designated. Fuel Performance Solutions assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Fuel Performance Solutions.

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