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## 1

## 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 Diesel Fuel Stabilizer Synonyms: PPS Diesel Fuel Additive

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CAS Number: Blend

### 2

### HAZARDS IDENTIFICATION

### **Classification of the Substance or Mixture**

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

Physical, Flammable Liquids, 4

Health, Skin corrosion/irritation, 1 Health, Serious Eye Damage/Eye Irritation, 1

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: DANGER

## **GHS Hazard Pictograms:**









### **GHS Hazard Statements:**

H227 - Combustible liquid

H314 - Causes severe skin burns and eye damage

H318 - Causes serious eye damage

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.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.

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:
64742-94-5	>90%	Solvent naphtha, petroleum, heavy arom.
91-20-3	<10%	Naphthalene
*****	<5%	Amino alkylphenolic resins (proprietary)
*****	<5%	Amine Compound (proprietary)
95-63-6	<2%	1,2,4-Trimethylbenzene

#### 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: >65 C (>149 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.

Hydrocarbon-like

>65 C (>149 F)

Nil in water

Not available

Not available

7.49 lbs/gal

## **FPS Diesel Fuel Stabilizer**

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Exposure Guidelines: Heavy Aromatic Solvent Naphtha (Petroleum)

OSHA TWA: 100 ppm 1,2,4-Trimethylbenzene ACGIH TWA: 25 ppm

Naphthalene

OSHA TWA: 10 ppm, 435 mg/m<sup>3</sup>

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Amber

**Physical State:** Liquid Odor: Spec Grav./Density: 0.90 at 60 F (Water = 1) Solubility: Viscosity: Not available Freezing/Melting Pt.: **Boiling Point:** Not available Flash Point: Flammability: Not available Vapor Density: **Partition Coefficient:** Not available **Bulk Density:** 

Vapor Pressure:Not availablepH:Not availableEvap. Rate:Not availableDecomp Temp:Not available

# STABILITY AND REACTIVITY

**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

### **Acute Toxicity**

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### 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/m<sup>3</sup> 4 hours

### Naphthalene

LD50 Dermal Rat >2500 mg/kg

LD50 Oral Rat 2600 mg/kg

LC50 Inhalation, Gas, Rat >100 ppm 8 hours

### Heavy aromatic solvent naphtha (petroleum)

LD50 Oral Rat 2000 mg/kg

LC50 Inhalation, Vapor, Rat >11.4 mg/l 6 hours

### **Amine compound**

LD50 Dermal rat >2000 mg/kg

Sensitization None known.

Germ Cell Mutagenicity None known.
Carcinogenicity Naphthalene, IARC 2B
Reproductive toxicity None known.

Specific target organ systemic toxicity (repeated exposure) None known.

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## 12 ECOLOGICAL INFORMATION

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

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

UN3267, Corrosive liquid, basic, organic, n.o.s., 8, PGIII, (Petroleum Naphtha, Amine Compounds)

### 15 REGULATORY INFORMATION

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

[>90%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[<10%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[<5%] Trade Secret (\*\*\*\*\*)

[<5%] Trade Secret (\*\*\*\*\*)

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

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).



This product can expose you to chemicals including Naphthalene, which is 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 CERCLA = Superfund clean up substance CSWHS = Clean Water Act Hazardous substances EPCRAWPC = EPCRA Water Priority Chemicals GADSL = Global Automotive Declarable Substance List (GADSL) HAP = Hazardous Air Pollutants MASS = MA Massachusetts Hazardous Substances List NJHS = NJ Right-to-Know Hazardous Substances OSHAWAC = OSHA Workplace Air Contaminants PA = PA Right-To-Know List of Hazardous Substances PRIPOL = Clean Water Act Priority Pollutants PROP65 = CA Prop 65SARA313 = SARA 313 Title III Toxic Chemicals TOXICPOL = Clean Water Act Toxic Pollutants TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List) TXAIR = TX Air Contaminants with Health Effects Screening Level TXHWL = TX Hazardous Waste List

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16 OTHER INFORMATION

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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