

FPS Cold Weather

SDS Number: 60347

Revision Date: 1/29/2019

Page 1 of 5

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 Cold Weather

Synonyms: Diesel Fuel Additive

SDS Number: 60347

Product Code: 60347

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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, 3
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Carcinogenicity, 2
- Health, Aspiration hazard, 1
- Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

- H226 - Flammable liquid and vapor
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H351 - Suspected of causing cancer
- H304 - May be fatal if swallowed and enters airways
- H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 - Keep container tightly closed.
- P241 - Use explosion-proof [electrical/ventilating/lighting] equipment.
- P243 - Take action to prevent static discharges.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/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.

FPS Cold Weather

SDS Number: 60347

Revision Date: 1/29/2019

Page 2 of 5

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64742-95-6	>60%	Solvent naphtha, petroleum, light arom.
95-63-6	15-25%	1,2,4-Trimethylbenzene
34590-94-8	10-20%	Dipropylene glycol methyl ether
1330-20-7	<2%	Xylene
25551-13-7	<2%	Trimethyl benzene
*****	<2%	Alkylphenol (proprietary)
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.

5 FIRE FIGHTING MEASURES

Flash Point: >42 C (>108 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.

FPS Cold Weather

SDS Number: 60347

Revision Date: 1/29/2019

Page 3 of 5

Exposure Guidelines:

- Solvent Naphtha, Petroleum, Light Aromatic**
OSHA TWA: 500 ppm
- 1,2,4-Trimethylbenzene**
ACGIH TWA: 25 ppm
- DPM**
OSHA PEL: 100 ppm, 600 mg/m³
- Xylene**
OSHA TWA: 100 ppm, 435 mg/m³
OSHA STEL: 150 ppm, 655 mg/m³
- Trimethylbenzene**
OSHA TWA: 25 ppm, 125 mg/m³
- Cumene**
OSHA PEL: 50 ppm
OSHA TWA: 50 ppm, 245 mg/m³

9	PHYSICAL AND CHEMICAL PROPERTIES
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<p>Appearance: Amber</p> <p>Physical State: Liquid</p> <p>Spec Grav./Density: 0.90 at 60 F (Water = 1)</p> <p>Viscosity: Not available</p> <p>Boiling Point: Not available</p> <p>Partition Coefficient: Not available</p> <p>Vapor Pressure: Not available</p> <p>pH: Not available</p> <p>Evap. Rate: Not available</p> <p>Decomp Temp: Not available</p>	<p>Odor: Hydrocarbon-like</p> <p>Solubility: Nil in water</p> <p>Freezing/Melting Pt.: Not available</p> <p>Flash Point: >42 C (>108 F)</p> <p>Vapor Density: Not available</p> <p>Bulk Density: 7.47 lbs/gal</p>
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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) 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.

FPS Cold Weather

SDS Number: 60347

Revision Date: 1/29/2019

Page 4 of 5

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

13	DISPOSAL CONSIDERATIONS
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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
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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., (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, III.

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

[>60%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[15-25%] 1,2,4-Trimethylbenzene (95-63-6) MASS, NJHS, PA, SARA313, TSCA, TXAIR

[10-20%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TXAIR

[<2%] RQ(100LBS), Xylene (1330-20-7) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

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

[<2%] Trade Secret (*****)

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



WARNING

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

Regulatory Code Legend

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- 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
 - OSHA = 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)
 - TXHWL = TX Hazardous Waste List
 - PROP65 = CA Prop 65

FPS Cold Weather

SDS Number: 60347

Revision Date: 1/29/2019

Page 5 of 5

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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