

Performance All Season Formula

SDS Number: 60984

Revision Date: 6/25/2019

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PRODUCT AND COMPANY IDENTIFICATION

Vendor

Performance Diesel, LLC
251 King Muir Rd.
Lake Forest, IL 60045

Phone: 847-565-8150

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

Product Identifier: Performance All Season Formula

Synonyms: Diesel Fuel Additive

SDS Number: 60984

Product Code: 60984

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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, Skin corrosion/irritation, 2
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Acute toxicity, 4 Oral
- Health, Aspiration hazard, 1
- 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:

- H226 - Flammable liquid and vapour
- H315 - Causes skin irritation
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H302 - Harmful if swallowed
- H304 - May be fatal if swallowed and enters airways
- 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.
- P233 - Keep container tightly closed.
- P240 - Ground and bond container and receiving equipment.
- P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 - Avoid release to the environment.

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P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

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

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P308 + P313 - IF exposed or concerned: Get medical advice/ attention.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

When heated above 100 C (212 F) may undergo a self-accelerating exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
27247-96-7	20-30%	2-Ethylhexyl nitrate
64742-95-6	20-30%	Solvent naphtha, petroleum, light arom.
111-76-2	<15%	2-Butoxyethanol
64742-94-5	<10%	Solvent naphtha, petroleum, heavy arom.
95-63-6	<10%	1,2,4-Trimethylbenzene
91-20-3	<2%	Naphthalene
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 absorbent material
Keep away from drains and ground water.

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7	HANDLING AND STORAGE
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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
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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.

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
- Cumene**
 OSHA TWA: 50 ppm, 245 mg/m³
- 2-Butoxyethanol**
 OSHA PEL: 50 ppm, 240 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>Flammability: 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: >46 C (>115 F)</p> <p>Vapor Density: Not available</p> <p>Bulk Density: 7.48 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 46 C (115 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.

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11	TOXICOLOGICAL INFORMATION
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Acute Toxicity

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

1,2,4-Trimethylbenzene

LD50 Dermal Rabbit 3160 mg/kg
 LD50 Oral Rat 3400 to 6000 mg/kg
 LC50 Inhalation, Vapor, Rat 18000 mg/m³ 4 hours

2-Butoxyethanol

LD50 Dermal Rabbit 220 mg/kg
 LD50 Oral Rat 470 mg/kg
 LC50 Inhalation, Vapor, Rat, 2175 4 hours

2-Ethylhexyl nitrate

LD50 Dermal Rabbit >5000 mg/kg
 LD50 Oral Rat >10000 mg/kg

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.

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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UN1993, Flammable liquids, n.o.s., 3, PGIII, (2-Ethylhexyl nitrate, Petroleum Naphtha. Marine Pollutant.)

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

IMDG & IATA: UN1993, Flammable Liquid, n.o.s., (2-Ethylhexyl nitrate, Petroleum Naphtha), 3, III. Marine Pollutant.

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

 [20-30%] Nitric acid, 2-ethylhexyl ester (27247-96-7) TSCA

[20-30%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[<15%] 2-Butoxyethanol (111-76-2) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

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

[<10%] 1,2,4-Trimethylbenzene (95-63-6) MASS, NJHS, PA, SARA313, TSCA, TXAIR

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

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

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OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Performance Diesel, LLC 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 Performance Diesel, LLC.

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