

## Performance Winter Premium Formula

SDS Number: 60985

Revision Date: 6/27/2019

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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 Winter Premium Formula

**Synonyms:** Diesel Fuel Additive

**SDS Number:** 60985

**Product Code:** 60985

**Revision Date:** 6/27/2019

**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, Serious Eye Damage/Eye Irritation, 1
- 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
- H318 - Causes serious eye damage
- 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.

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- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 - Avoid release to the environment.
- 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. VAPOR MAY CAUSE FLASH FIRE**

**3**
COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
27247-96-7	35-45%	Nitric acid, 2-ethylhexyl ester
64742-95-6	<15%	Solvent naphtha, petroleum, light arom.
64742-94-5	<15%	Solvent naphtha, petroleum, heavy arom.
111-76-2	<10%	2-Butoxyethanol
*****	<5%	Long chain alkenyl heterocycle
95-63-6	<5%	1,2,4-Trimethylbenzene
91-20-3	<3%	Naphthalene
1330-20-7	<2%	Xylene
*****	<2%	Amine compounds (proprietary)
98-82-8	<1%	Cumene

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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.

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. Spray storage vessels with water to maintain temperature below 100 C (212 F).

VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

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Decomposition products may include the following material: Carbon dioxide, Carbon monoxide, Nitrogen oxides

### 6 ACCIDENTAL RELEASE MEASURES

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

### 7 HANDLING AND STORAGE

**Handling Precautions:** Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Keep in the original container or an approved alternative, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container. Do not cut, weld, drill, grind, braze, or solder container. Ground and bond containers when transferring material.

Prevent heating above 100 °C due to severe risk of pressure rise and explosion.  
 Maximal recommended handling temperature : 60 °C.

**Storage Requirements:** Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Store in a ventilated area in tightly closed containers equipped with means of preventing the product from reaching 100 °C. Maximal recommended storage temperature: 40 °C.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

**Personal Protective Equipment:** Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection: Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary.

**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/m<sup>3</sup>

**Cumene**

OSHA TWA: 50 ppm, 245 mg/m<sup>3</sup>

**2-Butoxyethanol**

OSHA PEL: 50 ppm, 240 mg/m<sup>3</sup>

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**Naphthalene**  
OSHA TWA: 10 ppm

<b>9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Amber	<b>Odor:</b>	Hydrocarbon-like
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Nil in water
<b>Spec Grav./Density:</b>	0.93 at 60 F (Water = 1)	<b>Freezing/Melting Pt.:</b>	Not available
<b>Viscosity:</b>	Not available	<b>Flash Point:</b>	>46 C (>115 F)
<b>Boiling Point:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Flammability:</b>	Not available	<b>Bulk Density:</b>	7.75 lbs/gal
<b>Partition Coefficient:</b>	Not available		
<b>Vapor Pressure:</b>	Not available		
<b>pH:</b>	Not available		
<b>Evap. Rate:</b>	Not available		
<b>Decomp Temp:</b>	Not available		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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<b>Chemical Stability:</b>	Unstable at temperatures greater than 100 C (212 F)
<b>Conditions to Avoid:</b>	High temperatures above 46 C (115 F), sparks, and open flame.
<b>Materials to Avoid:</b>	Avoid strong oxidizing agents. May burn or react violently to flourine/oxygen mixtures.
<b>Hazardous Decomposition:</b>	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.
<b>Hazardous Polymerization:</b>	Will not occur.

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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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/m<sup>3</sup> 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/m<sup>3</sup> 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, 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

UN2924, Flammable liquids, corrosive, n.o.s., 3,(8), PGIII, (2-Ethylhexyl nitrate, Amine compounds), (Marine Pollutant)

### 15 REGULATORY INFORMATION

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

[35-45%] Nitric acid, 2-ethylhexyl ester (27247-96-7) TSCA

[<15%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[<15%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[<10%] 2-Butoxyethanol (111-76-2) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

[<5%] 1,2,4-Trimethylbenzene (95-63-6) MASS, NJHS, PA, SARA313, TSCA, TXAIR

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

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

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

TSCA: All components listed or exempt

DSL: All components listed or exempt



#### 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](http://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

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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  
DSL = Canadian Domestic Substances 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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