

Performance Winter Formula

SDS Number: 60983

Revision Date: 7/22/2019

Page 1 of 5

1

PRODUCT AND COMPANY IDENTIFICATION

Vendor

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

Phone: 1-847-565-8150

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

Product Identifier: Performance Winter Formula

Synonyms: Diesel Fuel Additive

SDS Number: 60983

Product Code: 60983

Revision Date: 7/22/2019

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, 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, 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
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
H351 - Suspected of causing cancer.
H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
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.
P242 - Use non-sparking tools.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

Performance Winter Formula

SDS Number: 60983

Revision Date: 7/22/2019

Page 2 of 5

- P264 - Wash thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- 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.
- P312 - Call a POISON CENTER/doctor/...if you feel unwell.
- P330 - Rinse mouth.
- P331 - Do NOT induce vomiting.
- P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- P362 + P364 - Take off contaminated clothing and wash it before reuse.
- P370 + P378 - In case of fire: Use appropriate method to extinguish.
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- P403 + P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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 casues 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
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Chemical Ingredients:		
CAS#	%	Chemical Name:
64742-95-6	50-60%	Solvent naphtha, petroleum, light arom.
95-63-6	<20%	1,2,4-Trimethylbenzene
111-76-2	<15%	2-Butoxyethanol
27247-96-7	<15%	2-Ethylhexyl nitrate
1330-20-7	<2%	Xylene
98-82-8	<1%	Cumene

4	FIRST AID MEASURES
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- 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.

Performance Winter Formula

SDS Number: 60983

Revision Date: 7/22/2019

Page 3 of 5

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.

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.

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

Appearance:	Amber	Odor:	Hydrocarbon-like
Physical State:	Liquid	Solubility:	Nil in water
Spec Grav./Density:	0.89 at 60 F (Water = 1)	Freezing/Melting Pt.:	Not available
Viscosity:	Not available	Flash Point:	>46 C (>115 F)
Boiling Point:	Not available	Vapor Density:	Not available
Flammability:	Not available	Bulk Density:	7.46 lbs/gal
Partition Coefficient:	Not available		
Vapor Pressure:	Not available		
pH:	Not available		
Evap. Rate:	Not available		

Performance Winter Formula

SDS Number: 60983

Revision Date: 7/22/2019

Page 4 of 5

Decomp Temp: Not available

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.

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, (Petroleum Naphtha, 2-Ethylhexyl nitrate), (Marine pollutant)

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

Performance Winter Formula

SDS Number: 60983

Revision Date: 7/22/2019

Page 5 of 5

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

[50-60%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

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

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

[<15%] Nitric acid, 2-ethylhexyl ester (27247-96-7) TSCA

[<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 Cumene, 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
- 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
- HAP = Hazardous Air Pollutants
- OSHA = OSHA workplace Air Contaminants
- CERCLA = Superfund clean up substance
- CSWHS = Clean Water Act Hazardous substances
- EPCRAWPC = EPCRA Water Priority Chemicals
- TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
- TXHWL = TX Hazardous Waste List
- PROP65 = CA Prop 65
- TSCA = United States Toxic Substances Control Act
- DSL = Canadian Domestic Substances List

16	OTHER INFORMATION
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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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