

Biobor DC Summer Blend

SDS Number: 65005

Revision Date: 12/23/2021

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PRODUCT AND COMPANY IDENTIFICATION

Company

Hammonds Fuel Additives, Inc.
6951 W. Little York Rd
Houston, TX 77040

Phone: 1-281-999-2900

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

Product Identifier: Biobor DC Summer Blend

Synonyms: Diesel Fuel Additive

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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, 4
- Health, Skin corrosion/irritation, 1 C
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Carcinogenicity, 2
- Health, Aspiration hazard, 1

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
- 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

GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P240 - Ground/bond container and receiving equipment.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P273 - Avoid release to the environment.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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3	COMPOSITION/INFORMATION OF INGREDIENTS
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CAS#	%	Chemical Name:
111-76-2	30-50%	Ethylene glycol monobutyl ether
64742-94-5	20-40%	Solvent naphtha, petroleum, heavy arom.
64742-95-6	5-10%	Solvent naphtha, petroleum, light arom.
95-63-6	<6%	1,2,4-Trimethylbenzene
91-20-3	<5%	Naphthalene
1330-20-7	<3%	Xylene
84605-20-9	<3%	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs.

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: If swallowed, do NOT induce vomiting. Have the victim rinse mouth with water, and then drink 2 - 4 cupfuls of water. Get immediate medical attention.

NOTES TO PHYSICIAN:
Activated charcoal mixture may be administered.

5	FIRE FIGHTING MEASURES
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Flash Point: >67 C (>153 F)

Flash Point Method: TCC

Suitable extinguishing media: Use dry chemical, CO2, water spray (fog) or foam.

Unsuitable extinguishing media: Do not use water jet

6	ACCIDENTAL RELEASE MEASURES
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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
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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 container
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).

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Personal Protective Equipment: Use of safety glasses and gloves are recommended.

Exposure Guidelines:

- Solvent Naphtha, Petroleum, Light Arom.**
OSHA TWA: 500 ppm
- 1,2,4-Trimethylbenzene**
ACGIH TWA: 25 ppm
- Naphthalene**
OSHA PEL: 10 ppm, 50 mg/m³
OSHA TWA: 10 ppm, 50 mg/m³
ACGIH TWA: 10 ppm, 52 mg/m³
OSHA STEL: 15 ppm, 75 mg/m³
ACGIH STEL: 15 ppm, 79 mg/m³
- Xylene**
OSHA TWA: 100 ppm, 435 mg/m³
ACGIH TWA: 100 ppm, 434 mg/m³
OSHA STEL: 150 ppm, 655 mg/m³
ACGIH STEL: 150 ppm, 651 mg/m³

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Amber
Physical State:	Liquid
Solubility:	Nil in water
Spec Grav./Density:	0.91 at 60 F (Water = 1)
Boiling Point:	Not available
Freezing/Melting Pt.:	Not available
Flammability:	Not available
Flash Point:	>67 C (>153 F)
Partition Coefficient:	Not available
pH:	Not available
Bulk Density:	7.62 lbs/gal
Decomp Temp:	Not available
UFL/LFL:	Not available

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), 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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Repeated skin contact with this product may cause dermatitis.
No component is listed as a mutagen or teratogen.

EYE EFFECTS:

Solvent Petroleum Naphtha slightly irritating in rabbits.

SKIN EFFECTS:

Solvent Petroleum Naphtha no deaths reported at 4 ml/kg in rats. Slightly irritating in rabbits at 4 hours.

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha, LD50, 10 ml/kg in rats.

Naphthalene LD50 2600 mg/kg in rats.

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha no deaths at 710 ppm in rats at 4 hours.

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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., (Contains Ethylene Glycol Monobutyl Ether, Petroleum Naphtha.), Combustible liquid, PG III

This material is not regulated for US DOT transportation in quantities less than 119 Gallons.

IMDG & IATA: UN1993, Flammable liquid, n.o.s., (Contains Ethylene Glycol Monobutyl Ether, Naphthalene), 3, III.

15	REGULATORY INFORMATION
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COMPONENT (CAS#) [%] - CODES

TSCA: All components listed or exempt

DSL: All components listed or exempt



WARNING

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 KEY DESCRIPTIONS

TSCA = United States Toxic Substances Control Act

DSL = Canadian Domestic Substances List

16	OTHER INFORMATION
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