

Biobor EB

SDS Number: 65003

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 EB
Synonyms: Gasoline Additive
SDS Number: 65003
Product Code: 65003
Revision Date: 12/23/2021
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, 4
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3
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:

H227 - Combustible liquid
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H335 - May cause respiratory irritation
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
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

Chemical Ingredients:		
CAS#	%	Chemical Name:
8052-41-3	40-60%	Stoddard solvent
111-76-2	30-60%	Ethylene glycol monobutyl ether
64742-95-6	<10%	Solvent naphtha, petroleum, light arom.
108-67-8	<2%	1,3,5-Trimethylbenzene
1330-20-7	<2%	Xylene
91-20-3	<2%	Naphthalene
95-63-6	1-5%	1,2,4-Trimethylbenzene

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. Remove contacts if present and easy to do, continue rinsing. 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: >63 C (>147 F)

Flash Point Method: PMCC

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 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

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

Personal Protective Use of safety glasses and gloves is recommended.

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Equipment:

Exposure Guidelines:

Stoddard Solvent

OSHA PEL: 500 ppm, 2900 mg/m³

OSHA TWA: 100 ppm, 525 mg/m³

Ethylene Glycol Monbutyl Ether

OSHA PEL: 25 ppm, 120 mg/m³

OSHA TWA: 25 ppm

ACGIH TWA: 25 ppm

Solvent Naphtha, Petroleum, Light Arom

OSHA TWA: 500 ppm

1,3,5-Trimethylbenzene

ACGIH TWA: 25 ppm

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

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

1,2,4-Trimethylbenzene

ACGIH TWA: 25 ppm

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber
Physical State:	Liquid
Solubility:	Nil in water
Spec Grav./Density:	0.845 at 60 F (Water = 1)
Boiling Point:	Not available
Freezing/Melting Pt.:	Not available
Flammability:	Not available
Flash Point:	>63 C (>147 F)
Partition Coefficient:	Not available
pH:	Not available
Bulk Density:	7.08 lbs/gal
Decomp Temp:	Not available
UFL/LFL:	Not available

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STABILITY AND REACTIVITY

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.

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TOXICOLOGICAL INFORMATION

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

EYE EFFECTS:

Solvent Petroleum Naphtha slightly irritating in rabbits

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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.
 Ethylene Glycol Monobutyl Ether LD50 1.4 g/kg in guinea pigs.

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha no deaths at 710 ppm in rats at 4 hours
 Ethylene Glycol Monobutyl Ether LC50 >633 ppm in guinea pig for 1 hour

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, Petroleum Naphtha), 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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The information contained in this Safety Data Sheet relates only to the specific material designated. Hammonds Fuel Additive, Inc. 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 Hammonds Fuel Additives, Inc.

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