

## Asphal Free Plus

SDS Number: 76320

Revision Date: 2/27/2015

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### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Asphal Free Plus  
**Revision Date:** 2/27/2015  
**SDS Number:** 76320  
**CAS Number:** Blend  
**Product Code:** 76320  
**Synonyms:** Diesel Fuel Additive

#### Company Identification

Manufactured for:  
LA Industries, LLC  
PO Box 122  
New Stanton, PA 15672 USA

1-724-635-0635 (For product information)  
1-800-424-9300 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

### 2 HAZARDS IDENTIFICATION

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:

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 Oral  
Health, Acute toxicity, 4 Dermal  
Health, Acute toxicity, 4 Inhalation  
Health, Carcinogenicity, 2  
Health, Aspiration hazard, 1

GHS Phrases:

H226 - Flammable liquid and vapor  
H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H332 - Harmful if inhaled  
H351 - Suspected of causing cancer  
H304 - May be fatal if swallowed and enters airways

# SDS

# Safety Data Sheet

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### 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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## COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Chemical Name	Percentage	CAS#
Light aromatic solvent naphtha	30 - 60	64742-95-6
1,2,4-Trimethylbenzene	< 20	95-63-6
Heavy aromatic solvent naphtha	< 10	64742-94-5
Xylene	< 10	1330-20-7
Ethylene glycol monobutyl ether	1.0 - 5.0	111-76-2
Amine reaction products	1.0 - 5.0	84605-20-9
2,6-DI-T-Butylphenol	1.0 - 5.0	128-39-2
Naphthalene	< 2	91-20-3
Cumene	< 1	98-82-8
Ethylbenzene	< 1	100-41-4
2-Ethylhexanol	< 1	104-76-7
Trimethylbenzene	< 0.2	25551-13-7

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### 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:** 42.2 C (108.0 F)  
**Flash Point Method:** TCC
- 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 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 Equip:** Use of safety glasses and gloves are recommended.

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### EXPOSURE GUIDELINES:

#### SOLVENT NAPHTHA, PETROLEUM, LIGHT AROM.

OSHA TWA: 500 ppm

#### 1,2,4-TRIMETHYLBENZENE

ACGIH TWA: 25 ppm

#### XYLENE

OSHA TWA: 100 ppm, 435 mg/m<sup>3</sup>

ACGIH TWA: 100 ppm, 434 mg/m<sup>3</sup>

OSHA STEL: 150 ppm, 655 mg/m<sup>3</sup>

ACGIH STEL: 150 ppm, 651 mg/m<sup>3</sup>

#### ETHYLENE GLYCOL MONOBUTYL ETHER

OSHA PEL: 25 ppm, 120 mg/m<sup>3</sup> OSHA TWA: 25 ppm

ACGIH TWA: 25 ppm

#### NAPHTHALENE

OSHA PEL: 10 ppm, 50 mg/m<sup>3</sup>

OSHA TWA: 10 ppm, 50 mg/m<sup>3</sup>

ACGIH TWA: 10 ppm, 52 mg/m<sup>3</sup>

OSHA STEL: 15 ppm, 75 mg/m<sup>3</sup>

ACGIH STEL: 15 ppm, 79 mg/m<sup>3</sup>

#### CUMENE

OSHA PEL: 50 ppm

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

ACGIH TWA: 50 ppm, 246 mg/m<sup>3</sup>

#### ETHYLBENZENE

OSHA TWA: 100 ppm OSHA STEL: 125 ppm ACGIH STEL: 125 ppm

#### TRIMETHYLBENZENE

OSHA TWA: 25 ppm, 125 mg/m<sup>3</sup>

ACGIH TWA: 25 ppm, 123 mg/m<sup>3</sup>

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## PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Amber

**Physical State:** Liquid

**Spec Grav./Density:** 7.41 pounds per gallon at 60 Deg F

**Solubility:** Nil in water

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## STABILITY AND REACTIVITY

**Stability:** Product is stable under normal conditions.

**Conditions to Avoid:** High temperatures above 50 C (122 F) and open flame.

**Materials to Avoid:** Avoid strong oxidizing agents.

May burn or react violently to flourine/oxygen mixtures.

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### 11 TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis.

#### EYE EFFECTS:

Solvent Petroleum Naphtha, slightly irritating (rabbit).

#### SKIN EFFECTS:

Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).

#### ACUTE ORAL EFFECTS:

Naphthalene, Oral LD50, 2600 mg/kg (rat).

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

Ethylene Glycol Monobutyl Ether, Oral LD50, 1.4 g/kg (Guinea Pig).

#### ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha, no deaths at 710 ppm (v) (Rat) 4 Hour (s).

Inhalation 1 hour LC50 is >633 ppm in guinea pig for Ethylene Glycol Monobutyl Ether.

### 12 ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available

### 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.  
Do not flush to surface water or drains

### 14 TRANSPORT INFORMATION

UN #: NA 1993, Class: -, Proper Shipping Name: Combustible liquid, n.o.s.

#### MISCELLANEOUS:

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

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, UN1993, PGIII.

### 15 REGULATORY INFORMATION

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA).

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### REGULATORY DISCLOSURES:

#### New Jersey Right to Know list:

1,2,4-Trimethylbenzene, CAS #95-63-6, < 20 %.  
Cumene, CAS # 98-82-8, < 1.0%.  
Naphthalene, CAS # 91-20-3, < 2.0 %. Xylene, CAS # 1330-20-7, < 10.0 %.

#### Pennsylvania Right to Know List:

1,2,4-Trimethylbenzene, CAS #95-63-6, < 20 %. Cumene, CAS # 98-82-8, < 1.0 %.  
Xylene, CAS # 1330-20-7, < 10.0 %.  
Ethylbenzene, CAS # 100-41-4, < 1.0 %.  
Naphthalene, CAS # 91-20-3, < 2.0 %.  
Ethylene Glycol Monobutyl Ether, CAS # 111-76-2, 5.0 - 15.0 %.

#### Canadian Disclosure List

1,2,4-TRIMETHYLBENZENE (95-63-6)  
ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) NAPHTHALENE (91-20-3)  
ETHYLBENZENE (100-41-4)

#### SARA Title III - Section 313

1,2,4-TRIMETHYLBENZENE (95-63-6)  
XYLENE (1330-20-7)  
NAPHTHALENE (91-20-3)

#### CERCLA Hazardous Substances

XYLENE (1330-20-7) -- RQ 1000 lb  
NAPHTHALENE (91-20-3) -- RQ 100 lb  
CUMENE (98-82-8) -- RQ 5000 lb  
ETHYLBENZENE (100-41-4) -- RQ 1000 lb

#### RCRA Hazardous Substances

XYLENE (1330-20-7) -- RCRA Code: U239 NAPHTHALENE (91-20-3) -- RCRA Code: U165 CUMENE (98-82-8) -- RCRA Code: U055

#### Title V

1,2,4-TRIMETHYLBENZENE (95-63-6)  
XYLENE (1330-20-7)  
NAPHTHALENE (91-20-3)  
CUMENE (98-82-8)  
ETHYLBENZENE (100-41-4)

#### SC Toxic Air Pollutants List

XYLENE (1330-20-7)  
NAPHTHALENE (91-20-3)  
CUMENE (98-82-8)  
ETHYLBENZENE (100-41-4)

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### OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. LA Industries 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 LA Industries.