

Fuel'z Edge

SDS Number: 60468

Revision Date: 10/27/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fuel'z Edge
Revision Date: 10/27/2015
SDS Number: 60468
CAS Number: Blend
Product Code: 60468
Synonyms: Diesel Fuel Additive

Company Identification

Manufactured for:
Advanced Fuel Solutions
1060 Osgood Street
North Andover, MA 01845

1-978-258-8360 (For product information)
1-800-424-9300 (Chemtrec) (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, 4
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 2
Health, Skin corrosion/irritation, 1 C
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Acute toxicity, 3 Oral
Health, Acute toxicity, 3 Dermal
Health, Acute toxicity, 3 Inhalation
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Chronic, 1

GHS Phrases:

H227 - Combustible liquid
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H351 - Suspected of causing cancer
H314 - Causes severe skin burns and eye damage
H320 - Causes eye irritation
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H331 - Toxic if inhaled

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H304 - May be fatal if swallowed and enters airways
H410 - Very toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P302+352 - IF ON SKIN: Wash with soap and water.

P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.

P273 - Avoid release to the environment.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Chemical Name | Percentage | CAS# |
|---------------------------------|-------------|------------|
| Heavy aromatic solvent naphtha | 45.0 - 55.0 | 64742-94-5 |
| Ethylene glycol monobutyl ether | 15.0 - 25.0 | 111-76-2 |
| Naphthalene | < 6.0 | 91-20-3 |
| 2,6-Di-tertiary-butylphenol | < 5.0 | 128-39-2 |
| N,N'-Di-sec-butyl-p-phenylened | < 5.0 | 101-96-2 |
| 1,2,4-Trimethylbenzene | < 2.0 | 95-63-6 |
| Light aromatic solvent naphtha | < 1.0 | 64742-95-6 |
| Xylene | < 1.0 | 1330-20-7 |
| Amine compounds | < 1.0 | 84605-20-9 |
| Ethylbenzene | < 0.1 | 100-41-4 |

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FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air.
Get immediate medical attention.

Skin Contact: Wash with soap and water.
Remove contaminated clothing and wash before reuse.
Get immediate medical attention.

Eye Contact: Flush with water for several minutes.
Get immediate medical attention.

Ingestion: Rinse mouth with water and drink 2-4 cups of water.
Get immediate medical attention.

Note to Physician:
Activated charcoal may be administered.

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5 FIRE FIGHTING MEASURES

Flash Point: 66 C (151 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 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.

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

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

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9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|----------------------------|----------------------|----------------------|
| Appearance: | Amber | Solubility: | Nil in water |
| Physical State: | Liquid | Bulk Density: | 7.55 lbs/gal at 60 F |
| Spec Grav./Density: | 0.9044 at 60 F (Water = 1) | | |

10 STABILITY AND REACTIVITY

| | |
|-----------------------------|--|
| 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. |

11 TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis or an oil acne.
No component is listed as a mutagen or teratogen.

SKIN EFFECTS:

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

ACUTE ORAL EFFECTS:

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

ACUTE INHALATION EFFECTS:

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

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

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

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, Ethylene Glycol Monobutyl Ether), 3, UN1993, PGIII.

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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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OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Advanced Fuel Solutions 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 Advanced Fuel Solutions.