



Mileage Extender Plus

SDS Number: Sample

Revision Date: 11/14/2019

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PRODUCT AND COMPANY IDENTIFICATION

Vendor

SMB International
121 Highway 36, St. 180
West Long Branch, NJ 07764

Phone: 1-732-241-8402

Emergency: Chemtrec at 1-800-424-9300

Product Identifier: Mileage Extender Plus

Synonyms: Diesel Fuel Additive

SDS Number: Sample

Revision Date: 11/14/2019

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, 3
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Acute toxicity, 4 Oral
- Health, Aspiration hazard, 1
- Health, Carcinogenicity, 2
- 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
- H316 - Causes mild skin irritation
- H336 - May cause drowsiness or dizziness
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H302 - Harmful if swallowed
- H304 - May be fatal if swallowed and enters airways
- H351 - Suspected of causing cancer.
- H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P241 - Use explosion-proof [electrical/ventilating/lighting] equipment.
- P242 - Use non-sparking tools.
- P243 - Take action to prevent static discharges.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 - Avoid release to the environment.
- P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.



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P301 + P312 - IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.

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 causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature.

VAPOR MAY CAUSE FLASH FIRE

3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
27247-96-7	60-70%	2-Ethylhexyl nitrate
64742-94-5	25-35%	Solvent naphtha, petroleum, heavy arom.
91-20-3	<5%	Naphthalene
112-80-1	<3%	Oleic acid
95-63-6	<2%	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:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
- Ingestion:** Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel.

5 FIRE FIGHTING MEASURES

Flash Point: >60 C (>140 F)

Use dry powder, foam, or carbon dioxide fire extinguishers.
Water may be ineffective unless used by experienced fire fighters.

When heated above 100 C (212 F) may undergo a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature. Spray storage vessels with water to maintain temperature below 100 C (212 F).

VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Decomposition products may include the following material:
Carbon dioxide, Carbon monoxide, Nitrogen oxides



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ACCIDENTAL RELEASE MEASURES

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Small spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

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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

Prevent heating above 100 °C due to severe risk of pressure rise and explosion. Maximal recommended handling temperature : 60 °C.

Storage Requirements:

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Store in a ventilated area in tightly closed containers equipped with means of preventing the product from reaching 100 °C. Maximal recommended storage temperature: 40 °C.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

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

Personal Protective Equipment:

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection: Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary.

Exposure Guidelines:

Heavy Aromatic Solvent Naphtha (Petroleum)

OSHA TWA: 500 ppm

1,2,4-Trimethylbenzene

ACGIH TWA: 25 ppm

Naphthalene

OSHA TWA: 10 ppm



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber	Odor:	Hydrocarbon-like
Physical State:	Liquid	Solubility:	Nil in water
Spec Grav./Density:	0.94 at 60 F (Water = 1)	Freezing/Melting Pt.:	Not available
Viscosity:	Not available	Flash Point:	>60 C (>140 F)
Boiling Point:	Not available	Vapor Density:	Not available
Partition Coefficient:	Not available	Bulk Density:	7.85 lbs/gal
Vapor Pressure:	Not available		
pH:	Not available		
Evap. Rate:	Not available		
Decomp Temp:	Not available		

10 STABILITY AND REACTIVITY

Chemical Stability:	Unstable at temperatures greater than 100 C (212 F).
Conditions to Avoid:	Avoid all possible sources of ignition (heat, spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas. Vapors may be explosive.
Materials to Avoid:	Oxidizing materials, combustible materials, reducing materials, acids and alkalis.
Hazardous Decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity

1,2,4-Trimethylbenzene

LD50 Dermal Rabbit 3160 mg/kg
LD50 Oral Rat 5000 mg/kg
LD50 Oral Rat 3400 to 6000 mg/kg
LC50 Inhalation, Vapor, Rat 18000 mg/m³ 4 hours

Naphthalene

LD50 Dermal Rat >2500 mg/kg
LD50 Oral Rat 2600 mg/kg
LC50 Inhalation, Gas, Rat >100 ppm 8 hours

Sensitization None known.

Germ Cell Mutagenicity None known.

Carcinogenicity Naphthalene, IARC 2B

Reproductive toxicity None known.

Specific target organ systemic toxicity (repeated exposure) None known.

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



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14 TRANSPORT INFORMATION

NA1993, -, Combustible liquid, n.o.s., PGIII, (2-Ethylhexyl nitrate, Petroleum naphtha), (Marine pollutant)

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

IMDG & IATA: UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., (2-Ethylhexyl nitrate, Petroleum naphtha), 9, III. Marine pollutant.

15 REGULATORY INFORMATION

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

[60-70%] Nitric acid, 2-ethylhexyl ester (27247-96-7) TSCA

[25-35%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[<5%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[<3%] Oleic acid (112-80-1) PA, TSCA

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



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 Code Legend

- RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
GADSL = Global Automotive Declarable Substance List (GADSL)
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA WAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

16 OTHER INFORMATION

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