

SDS Number: 64500

Revision Date: 10/10/2016

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1	PRODUCT AND COMPANY IDENTIFICATION
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Manufacturer

Driven Racing Oil
13201 Reese Blvd, West# 300
Huntersville, NC 28078

Emergency: 1-800-424-9300 (Chemtrec)
Phone: 1-704-946-9253

Product Name: aFe Diesel Fuel Additive
Revision Date: 10/10/2016
SDS Number: 64500
CAS Number: Blend
Product Code: 64500
Synonyms: Diesel Fuel Stabilizer

2	HAZARDS IDENTIFICATION
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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, Carcinogenicity, 2
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Aspiration hazard, 1

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
- H351 - Suspected of causing cancer
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H304 - May be fatal if swallowed and enters airways

GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- 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.
- P308+313 - IF exposed or concerned: Get medical advice/attention.

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3	COMPOSITION/INFORMATION OF INGREDIENTS
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Ingredients:

Cas#	%	Chemical Name
64742-47-8	45-55%	Distillates, petroleum, hydrotreated light
64742-95-6	25-35%	Solvent naphtha, petroleum, light arom.
0	25-35%	Monoalkylaryl alkoxyate aminated
95-63-6	<15%	1,2,4-Trimethylbenzene
108-67-8	<10%	1,3,5-Trimethylbenzene
103-65-1	<10%	n-Propyl benzene
1330-20-7	<3%	Xylene
98-82-8	<3%	Cumene
526-73-8	<3%	1,2,3-Trimethylbenzene

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:** 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
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- Flash Point:** 65 C (149 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
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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.

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

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

Exposure Guidelines:

- Light Aromatic Solvent Naphtha**
 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
- Cumene**
 OSHA PEL: 50 ppm
 OSHA TWA: 50 ppm, 245 mg/m³
 ACGIH TWA: 50 ppm, 246 mg/m³
- 1,3,5-Trimethylbenzene**
 ACGIH TWA: 25 ppm
- 1,2,3-Trimethylbenzene**
 ACGIH TWA: 25 ppm

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance: Amber
Physical State: Liquid
Odor: Aromatic
Solubility: Nil in water
Spec Grav./Density: 0.8590 at 60 F (Water = 1)
Viscosity: Not available
Boiling Point: Not available
Freezing/Melting Pt.: Not available
Flammability: Not available
Flash Point: 65 C (149 F)
Partition Coefficient: Not available
Vapor Pressure: Not available
Vapor Density: Heavier than air (Air=1)
pH: Not available
Evap. Rate: Not available
Bulk Density: 7.15 lbs/gal at 60 F
Decomp Temp: Not available
UFL/LFL: Not available

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10 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.

11 TOXICOLOGICAL INFORMATION

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

SKIN EFFECTS:

Solvent Petroleum Naphtha no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).
Monoalkylaryl alkoxyate LD50 >3000 mg/kg in rats
1,2,4-Trimethylbenzene LD50 3160 mg/kg in rabbits
Xylene LD50 >14100 mg/kg in rabbits
Cumene LD50 10578 mg/kg in rabbits

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha LD50 2900 mg/kg in rats.
1,2,4-Trimethylbenzene LD50 5000 mg/kg in rats
1,3,5-Trimethylbenzene LD50 >5000 mg/kg in rats
n-Propylbenzene LD50 6040 mg/kg in rats
Xylene LD50 3523 mg/kg in rats
Cumene LD 50 1400 mg/kg in rats

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha no deaths at 710 ppm in rats (4 Hours)
1,2,4-Trimethylbenzene LC50 18000mg/m³ in rats (4hours)
1,3,5-Trimethylbenzene LC50 2400 mg/m³ in rats (4hours)
Xylene LC50 5000 to 8500 ppm in rats (4hours)
Cumene LC50 8000 ppm in rats (4 hours)

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

NA1993, Combustible liquid, -, PGIII, (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene)

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

IMDG & IATA: UN1993, Flammable liquid, n.o.s., (Contains Hydrotreated light petroleum, 1,2,4-Trimethylbenzene), 3, III.

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15**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

Distillates, petroleum, hydrotreated light (64742-47-8) [45-55%] TSCA

Solvent naphtha, petroleum, light arom. (64742-95-6) [25-35%] TSCA

Monoalkylaryl alkoxyate aminated (0) [25-35%] GADSL, REACH

1,2,4-Trimethylbenzene (95-63-6) [<15%] MASS, NJHS, PA, SARA313, TSCA, TXAIR

1,3,5-Trimethylbenzene (108-67-8) [<10%] MASS, TSCA

n-Propyl benzene (103-65-1) [<10%] MASS, PA, TSCA

RQ(100LBS), Xylene (1330-20-7) [<3%] CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OS WAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

RQ(5000LBS), Cumene (98-82-8) [<3%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

1,2,3-Trimethylbenzene (526-73-8) [<3%] TSCA, TXAIR

Regulatory CODE Descriptions

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

16**OTHER INFORMATION**

The information contained in this Safety Data Sheet relates only to the specific material designated. Driven Racing Oil 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 Driven Racing Oil.