

SAFETY DATA SHEET



Diesel Extreme

Version 1.0

Revision Date 06/01/2015

Print Date 06/01/2015

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PRODUCT AND COMPANY IDENTIFICATION

Product name : Diesel Extreme
Product code : HB40655
Chemical Name : Diesel Fuel Additive

Manufacturer or supplier's details

Company : Lubrication Specialties, Inc.
Address : 255 Neal Ave.
Mount Gilead, Ohio 43338
Telephone : 1-800-341-6516
Telefax : 415-946-3554

Emergency telephone : USA: 24 Hour Emergency Response Information CHEMTREC toll free: 1-800-424-9300; direct/international: 1-703-527-3887. CANADA: Quantum Murray (spill response)1-877-378-7745. CANADA: CANUTEC(collect) 1-613-996-6666. EUROPE: 00 32 3575 5555. ASIA PACIFIC - excl. China: +65 6542-9595. CHINA: +86 21 2315 9344. AUSTRALIA: +61 2 9616 5890. SOUTH AFRICA: +32 3 575 55 55. LATAM: 0800 720 8000. 1-613-996-6666. INDIA: +91 22 30948467/8. JAPAN: +65 6542 9595 (24時間 日本語対応無料通話, シンガポール)

Recommended use of the chemical and restrictions on use

Recommended use : Diesel Fuel Additive
Prepared by : Product Safety Department
419-947-2647

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HAZARDS IDENTIFICATION

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 4
Health, Acute toxicity, 4 Oral
Health, Acute toxicity, 4 Dermal
Health, Acute toxicity, 4 Inhalation
Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 1
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Phrases:

H227 - Combustible liquid
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H315 - Causes skin irritation
H318 - Causes serious eye damage
H351 - Suspected of causing cancer
H304 - May be fatal if swallowed and enters airways

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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.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Chemical Name	Percentage	CAS#
2-Ethylhexyl nitrate	30 - 60	27247-96-7
Light hydrotreated petroleum	30 - 60	64742-47-8
Solvent Naphtha, Heavy Aromatic	3.0 - 6.0	64742-94-5
Substituted phenol	< 2	Proprietary
1,2,4-Trimethylbenzene	< 1	95-63-6
Naphthalene	< 1	91-20-3
1,2,4-Trimethylbenzene	< 0.2	108-67-8

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: 62.8 C (145.0 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.
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

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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:
1,2,4-TRIMETHYLBENZENE
ACGIH TWA: 25 ppm

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

1,3,5-TRIMETHYLBENZENE
ACGIH TWA: 25 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber
Physical State: Liquid
Spec Grav./Density: 7.47 pounds per gallon at 60 Deg F
Solubility: Nil in water

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: High temperatures 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.
No component is listed as a carcinogen, 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.
Oral LD 50 for Haphthalene in rats iss 2600 mg/kg

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

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment

Ecotoxicity
2-Ethylhexyl Nitrate:
Trout 24 Hours 145 mg/l
Trout 48 Hours 116 mg/l
Bluegill 96 Hours 4.5 mg/l
Bluegill 48 Hours 6.0 mg/l
Bluegill 72 Hours 5.4 mg/l.

13 DISPOSAL CONSIDERATIONS

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

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TRANSPORT INFORMATION

UN #: UN 1993, Class: 3, Proper Shipping Name: Combustible liquids, n.o.s.

MISCELLANEOUS:

This material is a marine pollutant when shipped in quantities greater than 119 gallons.

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 2-Ethylhexylnitrate, Petroleum Naphtha), 3, UN1993, PGIII.

It is not recommended to ship this product via air in quantities greater than one liter.



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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).

REGULATORY DISCLOSURES:

New Jersey Right to Know list:

1,2,4-Trimethylbenzene, CAS #95-63-6, <1.0 %.

1,3,5-Trimethylbenzene, CAS # 108-67-8, 0.2 %.

Naphthalene, CAS # 91-20-3, < 1.0 %.

Pennsylvania Right to Know List:

1,2,4-Trimethylbenzene, CAS #95-63-6, < 1.0 %.

Naphthalene, CAS # 91-20-3, < 1.0 %.

Canadian Disclosure List

1,2,4-TRIMETHYLBENZENE (95-63-6)

1,3,5-TRIMETHYLBENZENE (108-67-8)

CERCLA Hazardous Substances

NAPHTHALENE (91-20-3) -- RQ 100 lb

RCRA Hazardous Substances

NAPHTHALENE (91-20-3) -- RCRA Code: U165

Title V

1,2,4-TRIMETHYLBENZENE (95-63-6)

NAPHTHALENE (91-20-3)

SC Toxic Air Pollutants List

NAPHTHALENE (91-20-3)

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OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Lubrication Specialties, 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 Lubrication Specialties, Inc.