Everyday Diesel Treatment

SDS Number: HSSEDT

Revision Date: 11/2/2018

1 PRODUCT AND COMPANY IDENTIFICATION

Vendor
Lubrication Specialties, Inc.
3975 Morrow Meadows Dr.
Mt. Gilead, OH 43338
Phone: 1-800-341-6516
Emergency: 1-800-424-9300 (Chemtrec)

Product Identifier:	Everyday Diesel Treatment
Synonyms:	Diesel Fuel Additive
SDS Number:	HSSEDT
Product Code:	HSSEDT
Revision Date:	11/2/2018
CAS Number:	Blend

2 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, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 4 Dermal
Health, Acute toxicity, 4 Inhalation
Health, Acute toxicity, 4 Oral
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1
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
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H335 - May cause respiratory irritation
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H302 - Harmful if swallowed
H351 - Suspected of causing cancer
H304 - May be fatal if swallowed and enters airways
H411 - Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P273 - Avoid release to the environment.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously 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.

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	52%	2-Ethylhexyl nitrate
64742-94-5	4-9%	Solvent naphtha, petroleum, heavy aromatic
34590-94-8	7.5%	Dipropylene glycol methyl ether
64742-47-8	7%	Distillates, petroleum, hydrotreated light
Trade Secret	3-7%	Long chain alkenyl heterocycle (proprietary)
95-63-6	1-4%	1,2,4-Trimethylbenzene
64742-95-6	<3%	Solvent naphtha, petroleum, light aromatic
1330-20-7	<3%	Xylene
84605-20-9	<3%	Amine compound
91-20-3	<2%	Naphthalene
108-67-8	<2%	1,3,5-Trimethylbenzene
103-65-1	<2%	n-Propyl benzene
526-73-8	<1%	1,2,3-Trimethylbenzene
100-41-4	<1%	Ethyl benzene

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.

5 FIRE FIGHTING MEASURES

Flash Point: > 68 C (> 155 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.

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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

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. See SDS for more details.

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 Equipment:

Use of safety glasses and gloves is 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/m^3
Naphthalene
OSHA TWA: 10 ppm, 50 mg/m^3
Dipropylene Glycol Methyl Ether
OSHA PEL: 100 ppm, 600 mg/m^3

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber		
Physical State:	Liquid	**Odor:**	Hydrocarbon-like
Spec Grav./Density:	0.94 at 60 F (Water = 1)	**Solubility:**	Nil in water
Viscosity:	Not available	**Freezing/Melting Pt.:**	Not available
Boiling Point:	Not available	**Flash Point:**	> 68 C (> 155 F)
Flammability:	Not available	**Vapor Density:**	Not available

Partition Coefficient:	Not available	**Bulk Density:**	7.8 lbs/gal
Vapor Pressure:	Not available		
pH:	Not available		
Evap. Rate:	Not available		
Decomp Temp:	Not available		

10 STABILITY AND REACTIVITY

Chemical Stability:	May be unstable at temperatures greater than 100 C (212 F)
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.
Hazardous Decomposition:	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

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

Light aromatic solvent naphtha (petroleum)
LD50 Dermal Rabbit >3160 mg/kg
LD50 Oral Rat 3492 mg/kg
LC50 Inhalation, Vapor, Rat 6193 mg/m3 4 hours

Dipropylene glycol methyl ether
LD50 Dermal Rabbit >19000 mg/kg
LD50 Oral Rat 5135 mg/kg

2-Ethylhexylnitrate
LD50 Dermal Rabbit >5000 mg/kg
LD50 Oral Rat >10000 mg/kg

Amine compound
LD50 Dermal Rat >2000 mg/kg

Xylene
LC50 Inhalation Gas. Rat 5000 ppm 4 hours
LD50 Dermal Rabbit >1700 mg/kg
LD50 Oral Rat 4300 mg/kg

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.
Toxic to aquatic organisms.
May cause long term adverse effects in the aquatic environment. Based on calculations.
This product contains components which may be persistent in the environment.

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, n.o.s., Combustible liquid, PGIII, (Contains 2-Ethylhexylnitrate, Petroleum Naphtha), (Marine pollutant)

Not regulated by US DOT in containers less than 119 gallons.

IMDG & IATA: UN3082, Environmentally Hazardous Substance, liquid, nos, (2-Ethylhexylnitrate, Petroleum Naphtha), 9, III. Marine pollutant.

15 REGULATORY INFORMATION

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

[52%] 2-Ethylhexyl nitrate (27247-96-7) TSCA

[4-9%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[7.5%] Dipropylene glycol methyl ether (34590-94-8) MASS, OSHAWAC, PA, TSCA, TXAIR

[7%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[3-7%] Trade Secret (******)

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

[<3%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

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

[<3%] Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs. (84605-20-9) TSCA

[<2%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[<2%] 1,3,5-Trimethylbenzene (108-67-8) MASS, TSCA

[<2%] n-Propyl benzene (103-65-1) MASS, PA, TSCA

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

[<1%] Ethyl benzene (100-41-4) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TSCA, TXAIR

WARNING

This product can expose you to chemicals including Naphthalene and Ethylbenzene, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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

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