



## Hot Shot's Secret Diesel Extreme

SDS Number: HSSDE V.5.0

Revision Date: 06/25/2019

Page 1 of 6

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:** Hot Shot's Secret Diesel Extreme  
**Synonyms:** DE  
**SDS Number:** HSSDE V.5.0  
**Product Code:** HSSDE  
**Revision Date:** 06/25/2019  
**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, Acute toxicity, 4 Oral  
Health, Acute toxicity, 4 Dermal  
Health, Acute toxicity, 4 Inhalation  
Health, Specific target organ toxicity - Single exposure, 3  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Skin corrosion/irritation, 2  
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  
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  
H319 - Causes serious eye irritation  
H315 - Causes skin irritation  
H351 - Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)  
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  
P243 - Take action to prevent static discharges.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

**Hot Shot's Secret Diesel Extreme**

SDS Number: HSSDE V.5.0

Revision Date: 06/25/2019

Page 2 of 6

- P264 - Wash hands thoroughly after handling.  
 P273 - Avoid release to the environment.  
 P280b - Wear protective gloves/eye protection/face protection.  
 P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 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	49%	2-Ethylhexyl nitrate
64742-47-8	34%	Distillates, petroleum, hydrotreated light
64742-94-5	2-5%	Solvent naphtha, petroleum, heavy aromatic
Trade Secret	3%	Trade Secret
TradeSecret	<2%	Long chain alkenyl heterocycle (proprietary)
95-63-6	<2%	1,2,4-Trimethylbenzene
1330-20-7	<1%	Xylene
64742-95-6	<1%	Solvent naphtha, petroleum, light aromatic
108-67-8	<1%	1,3,5-Trimethylbenzene
100-41-4	<1%	Ethylbenzene
98-82-8	<1%	Cumene
91-20-3	<1%	Naphthalene
84605-20-9	<1%	Amine compounds
526-73-8	<1%	1,2,3-Trimethylbenzene
103-65-1	<1%	n-Propyl 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:** >70 C (>158 F)

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



## Hot Shot's Secret Diesel Extreme

SDS Number: HSSDE V.5.0

Revision Date: 06/25/2019

Page 3 of 6

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.  
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:

**1,2,4-Trimethylbenzene**  
ACGIH TWA: 25 ppm  
**Naphthalene**  
OSHA TWA: 10 ppm, 50 mg/m<sup>3</sup>  
**1,3,5-Trimethylbenzene**  
ACGIH TWA: 25 ppm  
Trade Secret  
OSHA PEL: 100 ppm

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Amber

**Physical State:** Liquid

**Spec Grav./Density:** 0.89 at 60 F (Water = 1)

**Viscosity:** Not available

**Boiling Point:** Not available

**Partition Coefficient:** Not available

**Vapor Pressure:** Not available

**pH:** Not available

**Odor:** Hydrocarbon-like

**Solubility:** Nil in water

**Flash Point:** >70 C (>158 F)

**Vapor Density:** Not available

**Bulk Density:** 7.40 lbs/gal



## Hot Shot's Secret Diesel Extreme

SDS Number: HSSDE V.5.0

Revision Date: 06/25/2019

Page 4 of 6

**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.  
**Hazardous Polymerization:** Will not occur.

### 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/m<sup>3</sup> 4 hours**Naphthalene**

LD50 Dermal Rat &gt;2500 mg/kg

LD50 Oral Rat 2600 mg/kg

LC50 Inhalation, Gas, Rat &gt;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.

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.

**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 waste material in accordance with all local, state/provincial, and national requirements.

Do not flush to surface water or drains.





## Hot Shot's Secret Diesel Extreme

SDS Number: HSSDE V.5.0

Revision Date: 06/25/2019

Page 5 of 6

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

**15 REGULATORY INFORMATION**

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

[49%] 2-Ethylhexyl nitrate (27247-96-7) TSCA

[34%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[2-5%] Solvent naphtha, petroleum, heavy arom. (64742-94-5) TSCA

[3%] Trade Secret (\*\*\*\*\*)

[&lt;2%] Trade Secret (\*\*\*\*\*)

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

[&lt;1%] RQ(100LBS), Xylene (1330-20-7) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[&lt;1%] Solvent naphtha, petroleum, light arom. (64742-95-6) TSCA

[&lt;1%] 1,3,5-Trimethylbenzene (108-67-8) MASS, TSCA

[&lt;1%] Ethylbenzene (100-41-4) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TSCA, TXAIR

[&lt;1%] RQ(5000LBS), Cumene (98-82-8) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, PROP65, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

[&lt;1%] RQ(100LBS), Naphthalene (91-20-3) CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

[&lt;1%] Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs. (84605-20-9) TSCA

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

[&lt;1%] n-Propyl benzene (103-65-1) MASS, PA, TSCA

**WARNING**This product can expose you to chemicals including Ethylbenzene, Cumene and Naphthalene, which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Regulatory Code Legend

RQ = Reportable Quantity

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants



## Hot Shot's Secret Diesel Extreme

SDS Number: HSSDE V.5.0

Revision Date: 06/25/2019

Page 6 of 6

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  
PRIPOL = Clean Water Act Priority Pollutants  
PROP65 = CA Prop 65  
TOXICPOL = Clean Water Act Toxic Pollutants  
GADSL = Global Automotive Declarable Substance List (GADSL)

16

### 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.

Revision Date: 6/25/2019