1  PRODUCT AND COMPANY IDENTIFICATION

Manufacturer
Lubrication Specialties, Inc.
3975 Morrow Meadows Dr.
Mt. Gilead, OH 43338

Product Name: Hot Shot’s Secret Everyday Diesel Treatment (EDT)
Revision Date: 8/12/2016
SDS Number: HSSEDT
CAS Number: Blend
Product Code: HSSEDT
Synonyms: Diesel Fuel Additive

2  HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
- Health, Aspiration hazard, 1
- Health, Skin corrosion/irritation, 1 C
- Health, Carcinogenicity, 2
- Health, Specific target organ toxicity - Single exposure, 3
- Physical, Flammable Liquids, 4
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Acute toxicity, 4 Oral
- Environmental, Hazards to the aquatic environment - Chronic, 2
- Environmental, Hazards to the aquatic environment - Acute, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:
- H304 - May be fatal if swallowed and enters airways
- H314 - Causes severe skin burns and eye damage
- H351 - Suspected of causing cancer
- H336 - May cause drowsiness or dizziness
- H227 - Combustible liquid
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H302 - Harmful if swallowed
- H411 - Toxic to aquatic life with long lasting effects
- H401 - Toxic to aquatic life

GHS Precautionary Statements:
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
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

### COMPOSITION/INFORMATION OF INGREDIENTS

<table>
<thead>
<tr>
<th>Cas#</th>
<th>%</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>27247-96-7</td>
<td>52%</td>
<td>Nitric acid, 2-ethylhexyl ester</td>
</tr>
<tr>
<td>64742-94-5</td>
<td>4-9%</td>
<td>Solvent naphtha, petroleum, heavy arom.</td>
</tr>
<tr>
<td>34590-94-8</td>
<td>7.5%</td>
<td>Dipropylene glycol methyl ether</td>
</tr>
<tr>
<td>64742-47-8</td>
<td>7%</td>
<td>Distillates, petroleum, hydrotreated light</td>
</tr>
<tr>
<td>0</td>
<td>3-7%</td>
<td>Long chain alkenyl heterocycle</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1-4%</td>
<td>1,2,4-Trimethylbenzene</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>&lt;3%</td>
<td>Solvent naphtha, petroleum, light arom.</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>&lt;3%</td>
<td>Xylene</td>
</tr>
<tr>
<td>84605-20-9</td>
<td>&lt;3%</td>
<td>Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobuteny derivs.</td>
</tr>
<tr>
<td>91-20-3</td>
<td>&lt;2%</td>
<td>Naphthalene</td>
</tr>
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<td>108-67-8</td>
<td>&lt;2%</td>
<td>1,3,5-Trimethylbenzene</td>
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<tr>
<td>103-65-1</td>
<td>&lt;2%</td>
<td>n-Propyl benzene</td>
</tr>
<tr>
<td>526-73-8</td>
<td>&lt;1%</td>
<td>1,2,3-Trimethylbenzene</td>
</tr>
<tr>
<td>100-41-4</td>
<td>&lt;1%</td>
<td>Ethyl benzene</td>
</tr>
</tbody>
</table>

### 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: 68 C (155 F)
Flash Point Method: PMCC

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 are recommended.

Exposure Guidelines:
LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)
OSHA TWA: 500 ppm
ACGIH TWA: 25 ppm

1,2,4-TRIMETHYLBENZENE
OSHA TWA: 100 ppm, 435 mg/m^3
ACGIH TWA: 100 ppm, 434 mg/m^3

XYLENE
OSHA TWA: 150 ppm, 655 mg/m^3
ACGIH STEL: 150 ppm, 651 mg/m^3

ACGIH STEL: 150 ppm, 651 mg/m^3
NAPHTHALENE
- OSHA PEL: 10 ppm, 50 mg/m^3
- OSHA TWA: 10 ppm, 50 mg/m^3
- ACGIH TWA: 10 ppm, 52 mg/m^3
- OSHA STEL: 15 ppm, 75 mg/m^3
- ACGIH STEL: 15 ppm, 79 mg/m^3

DIPROPYLENE GLYCOL METHYL ETHER
- OSHA PEL: 100 ppm, 600 mg/m^3
- ACGIH TWA: 100 ppm
- ACGIH STEL: 150 ppm

9  PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber
Physical State: Liquid
Solubility: Nil in water
Bulk Density: 7.8 lbs/gal

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.

11  TOXICOLOGICAL INFORMATION

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

SKIN EFFECTS:
Solvent Petroleum Naphtha no deaths reported at 4 ml/kg in rats. Slightly irritating in rabbits at 4 hours

ACUTE ORAL EFFECTS:
Solvent Petroleum Naphtha LD50 10 ml/kg in rats.
Naphthalene Oral LD50 2600 mg/kg in rats.

ACUTE INHALATION EFFECTS:
Solvent Petroleum Naphtha no deaths at 710 ppm in rats at 4 hours.

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
### TRANSPORT INFORMATION

NA1993, Combustible liquid, n.o.s., Combustible liquid, PGIII, (Contains 2-Ethylhexyl nitrate, Petroleum Naphtha.)

Marine pollutant.

Not regulated by DOT in containers less than 119 gallons

### REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Component (CAS#) [%]</th>
<th>CODES</th>
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<tr>
<td>Dipropylene glycol methyl ether (34590-94-8) [7.5%]</td>
<td>MASS, OSHAWAC, PA, TSCA, TXAIR</td>
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<td>Distillates, petroleum, hydrotreated light (64742-47-8) [7%]</td>
<td>TSCA</td>
</tr>
<tr>
<td>Long chain alkenyl heterocycle (0) [3-7%]</td>
<td>GADSL, REACH</td>
</tr>
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<td>1,2,4-Trimethylbenzene (95-63-6) [1-4%]</td>
<td>MASS, NJHS, PA, SARA313, TSCA, TXAIR</td>
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<td>Solvent naphtha, petroleum, light arom. (64742-95-6) [&lt;3%]</td>
<td>TSCA</td>
</tr>
<tr>
<td>RQ(100LBS), Xylene (1330-20-7) [&lt;3%]</td>
<td>CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL</td>
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<td>Amines, polyethylene poly-, reaction products with succinic anhydride polyisobutenyl derivs. (84605-20-9) [≤3%]</td>
<td>TSCA</td>
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<td>RQ(100LBS), Naphthalene (91-20-3) [≤3%]</td>
<td>CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL</td>
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**Regulatory CODE Descriptions**

- **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
- **GADSL** = Global Automotive Declarable Substance List (GADSL)
- **REACH** = REACH List of Substances of Very High Concern (RSL)
- **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
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