

# SAFETY DATA SHEET



## Hot Shot's Secret Diesel Winter Anti-Gel

Version 5.0

Revision Date 4/10/2018

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

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

**Product Name:** Hot Shot's Secret Diesel Winter Anti-Gel  
**Revision Date:** 1/20/2017  
**SDS Number:** P04033  
**CAS Number:** Blend  
**Product Code:** P04033  
**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.

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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.

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

### Ingredients:

CAS #	%	Chemical Name
27247-96-7	25-30%	2-Ethylhexyl Nitrate
108-88-3	15-20%	Toluene
64742-95-6	11-22%	Light Aromatic Solvent Naptha
34590-94-8	4-8%	dipropyl glycol methyl ether
95-63-6	2-6%	1,2,4 Trimethylbenzene
64742-47-8	3-5%	Light Hydrotreated Distillates
64742-94-5	1-5%	Heavy Aromatic Solvent Naptha
1330-20-7	1-4%	Xylene
84605-20-9	1-2%	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivatives
98-82-8	.1-2%	Cumene
108-67-8	<1%	1,3,5 Trimethylbenzene and Mesitylene
100-41-4	<1%	Ethylbenzene
103-65-1	<1%	n propyl benzene
91-20-3	<1%	Napthalene
526-73-8	<1%	1,2,3 Trimethylebenze

## 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.

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### 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

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

**XYLENE**  
OSHA TWA: 100 ppm, 435 mg/m<sup>3</sup>  
ACGIH TWA: 100 ppm, 434 mg/m<sup>3</sup>  
OSHA STEL: 150 ppm, 655 mg/m<sup>3</sup>  
ACGIH STEL: 150 ppm, 651 mg/m<sup>3</sup>

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### NAPHTHALENE

OSHA PEL: 10 ppm, 50 mg/m<sup>3</sup>  
OSHA TWA: 10 ppm, 50 mg/m<sup>3</sup>  
ACGIH TWA: 10 ppm, 52 mg/m<sup>3</sup>  
OSHA STEL: 15 ppm, 75 mg/m<sup>3</sup>  
ACGIH STEL: 15 ppm, 79 mg/m<sup>3</sup>

### DIPROPYLENE GLYCOL METHYL ETHER

OSHA PEL: 100 ppm, 600 mg/m<sup>3</sup>  
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

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### 14 TRANSPORT INFORMATION

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

Marine pollutant.

Not regulated by DOT in containers less than 119 gallons

### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Nitric acid, 2-ethylhexyl ester (27247-96-7) [25-50%] TSCA

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

Dipropylene glycol methyl ether (34590-94-8) [5-10%] MASS, OSHAWAC, PA, TSCA, TXAIR

Distillates, petroleum, hydrotreated light (64742-47-8) [2-5%] TSCA

Long chain alkenyl heterocycle (0) [1-5%] GADSL, REACH

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

Solvent naphtha, petroleum, light arom. (64742-95-6) [1-5%] TSCA

RQ(100LBS), Xylene (1330-20-7) [1-5%] CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

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

RQ(100LBS), Naphthalene (91-20-3) [1-2%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

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

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

1,2,3-Trimethylbenzene (526-73-8) [1-4%] TSCA, TXAIR

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

TOXICPOL, TSCA, TXAIR

Regulatory CODE Descriptions

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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  
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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HAP = Hazardous Air Pollutants  
TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)  
TXHWL = TX Hazardous Waste List  
PRIPOL = Clean Water Act Priority Pollutants  
TOXICPOL = Clean Water Act Toxic Pollutants

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### OTHER INFORMATION

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