

**TNT 3K Winter**

SDS Number: 61853

Revision Date: 3/20/2018

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**1 PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer**

Lubriformance, LLC  
2021 Reserve Dr.  
Canton, TX 75103

**Emergency:** 1-800-424-9300 (Chemtrec)  
**Phone:** 1-903-567-7236

**Product Name:** TNT 3K Winter  
**Revision Date:** 3/20/2018  
**SDS Number:** 61853  
**CAS Number:** Blend  
**Product Code:** 61853  
**Synonyms:** Diesel Fuel Additive

**2 HAZARDS IDENTIFICATION**

**Classification of the Substance or Mixture**

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

- Physical, Flammable Liquids, 3
- Health, Specific target organ toxicity - Single exposure, 3
- Health, Acute toxicity, 4 Oral
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- 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:**

- H226 - Flammable liquid and vapor
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H302 - Harmful if swallowed
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H315 - Causes skin irritation
- 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

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- P240 - Ground/bond container and receiving equipment.
- 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.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- 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.

**3 COMPOSITION/INFORMATION OF INGREDIENTS**

**Ingredients:**

Cas#	%	Chemical Name
64742-95-6	30-60%	Solvent naphtha, petroleum, light arom.
95-63-6	<30%	1,2,4-Trimethylbenzene
111-76-2	<15%	2-Butoxyethanol
27247-96-7	<10%	2-Ethylhexylnitrate
1330-20-7	<5%	Xylene
98-82-8	<2%	Cumene
25551-13-7	<2%	Trimethyl 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.  
Note to Physician: Activated charcoal may be administered.

**5 FIRE FIGHTING MEASURES**

- Flash Point:** >46 C (>115 F)
- 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.  
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
- 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 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
- 2-BUTOXYETHANOL**  
OSHA TWA: 50 ppm
- XYLENE**  
OSHA TWA: 100 ppm
- CUMENE**  
OSHA TWA: 50 ppm
- TRIMETHYLBENZENE**  
OSHA TWA: 25 ppm

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Amber	<b>Odor:</b>	Hydrocarbon-like
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Nil in water
<b>Spec Grav./Density:</b>	0.8911 (Water = 1)	<b>Freezing/Melting Pt.:</b>	Not available
<b>Viscosity:</b>	Not available	<b>Flash Point:</b>	>46 C (>115 F)
<b>Boiling Point:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Flammability:</b>	Not available	<b>Bulk Density:</b>	7.42 lbs/gal at 60 F
<b>Partition Coefficient:</b>	Not available	<b>UFL/LFL:</b>	Not available
<b>Vapor Pressure:</b>	Not available		
<b>pH:</b>	Not available		
<b>Evap. Rate:</b>	Not available		
<b>Decomp Temp:</b>	Not available		

**10 STABILITY AND REACTIVITY**

**Chemical Stability:** Product is stable under normal conditions.

**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**

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

**EYE EFFECTS:**  
Solvent Petroleum Naphtha slightly irritating to rabbits.

**SKIN EFFECTS:**  
Solvent Petroleum Naphtha no deaths reported at 4 ml/kg in rats. Slightly irritating to rabbits at 4 hours.  
2-Butoxyethanol LD50 >2000 mg/kg

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

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2-Butoxyethanol LD50 1746 mg/kg

**ACUTE INHALATION EFFECTS:**

Solvent Petroleum Naphtha no deaths at 710 ppm in rats at 4 hours.

**12 ECOLOGICAL INFORMATION**

Avoid exposing to the environment, no specific aquatic data available.

**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, -, PGIII, (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene)

This material is not regulated for US DOT transportation in quantities less than 119 gallons

IMDG & IATA: UN1993, Flammable liquid, n.o.s., (Contains petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, III.

**15 REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

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Solvent naphtha, petroleum, light arom. (64742-95-6) [30-60%] TSCA

1,2,4-Trimethylbenzene (95-63-6) [<30%] MASS, NJHS, PA, SARA313, TSCA, TXAIR

2-Butoxyethanol (111-76-2) [<15%] HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

Nitric acid, 2-ethylhexyl ester (27247-96-7) [<10%] TSCA

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

RQ(5000LBS), Cumene (98-82-8) [<2%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

Trimethyl benzene (25551-13-7) [<2%] MASS, OSHAWAC, PA, TSCA, TXAIR

**Regulatory CODE Descriptions**

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RQ = Reportable Quantity  
TSCA = Toxic Substances Control Act  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
PA = PA Right-To-Know List of Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
HAP = Hazardous Air Pollutants  
OSHAWAC = OSHA workplace Air Contaminants  
CERCLA = Superfund clean up substance  
CSWHS = Clean Water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals

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TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous Waste List

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**OTHER INFORMATION**

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