

TNT 1.5K

SDS Number: 61851

Revision Date: 5/13/2016

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Lubriformance, LLC
2021 Reserve Dr.
Canton, TX 75103

Phone: 1-903-567-7236

Product Name: TNT 1.5K
Revision Date: 5/13/2016
SDS Number: 61851
CAS Number: Blend
Product Code: 61851
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, Acute toxicity, 4 Oral
- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- 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
- H302 - Harmful if swallowed
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H315 - Causes skin irritation
- H320 - Causes eye 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
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P273 - Avoid release to the environment.

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P302+350 - IF ON SKIN: Gently wash with soap and water.

P305+351+338 - IF IN EYES: Rinse continuously 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.

3 COMPOSITION/INFORMATION OF INGREDIENTS**Ingredients:**

Chemical Name	Percentage	CAS#
Light aromatic solvent naptha	40.0 - 60.0	64742-95-6
1,2,4-Trimethylbenzene	< 30.0	95-63-6
2-Ethyhexyl nitrate	< 5.0	27247-96-7
Ethylene glycol monbutyl ehter	< 5.0	111-76-2
Xylene	< 5.0	1330-20-7
Cumene	< 2.0	98-82-8
Trimethylbenzene	< 2.0	25551-13-7
Ethylbenzene	< 0.5	100-41-4
Vinyl acetate monomer	< 0.5	108-05-4

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:** If swallowed, do NOT induce vomiting.
Have the victim rinse mouth with water and then drink 2 - 4 cupfuls of water.
Get immediate medical attention.**NOTES TO PHYSICIAN:**

Activated charcoal mixture may be administered.

5 FIRE FIGHTING MEASURES**Flash Point:** 46.1 C (115.0 F)**Flash Point Method:** PMCCUse dry powder, foam, or carbon dioxide fire extinguishers.
Water may be ineffective unless used by experienced fire fighters.

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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 container
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

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
- ETHYLENE GLYCOL MONOBUTYL ETHER**
OSHA PEL: 25 ppm, 120 mg/m³
OSHA TWA: 25 ppm
ACGIH TWA: 25 ppm
- XYLENE**
OSHA TWA: 100 ppm, 435 mg/m³
ACGIH TWA: 100 ppm, 434 mg/m³
OSHA STEL: 150 ppm, 655 mg/m³
ACGIH STEL: 150 ppm, 651 mg/m³
- CUMENE**
OSHA PEL: 50 ppm
OSHA TWA: 50 ppm, 245 mg/m³
ACGIH TWA: 50 ppm, 246 mg/m³
- TRIMETHYLBENZENE**
OSHA TWA: 25 ppm, 125 mg/m³
ACGIH TWA: 25 ppm, 123 mg/m³
- ETHYLBENZENE**
OSHA TWA: 100 ppm
OSHA STEL: 125 ppm
ACGIH STEL: 125 ppm

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber
Physical State: Liquid
Solubility: Nil in water
Bulk Density: 7.326 lbs/gal at 60 F

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.

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 (rabbit).
Vinyl Acetate is a severe eye irritant (rabbit).

SKIN EFFECTS:

Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).
2-Ethylhexyl Nitrate is harmful in contact with skin.
Skin absorption LD50 is 2,335 mg/kg in rabbits for Vinyl Acetate.

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha, LD50, 10 ml/kg in rats.
Oral LD50 for Vinyl Acetate Monomer is 2,920 mg/kg in rats.

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha, no deaths at 710 ppm (v) (Rat) 4 Hour (s).
Inhalation 4 hour LC50 is 4,000 ppm in rats for Vinyl Acetate Monomer.

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

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

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, UN1993, PGIII.

15 **REGULATORY INFORMATION**

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA).

16 **OTHER INFORMATION**

The information contained in this Safety Data Sheet relates only to the specific material designated. Lubriformance, LLC 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 Lubriformance, LLC.