

TFS 1505 Winter

SDS Number: Sample

Revision Date: 10/17/2017

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

PreVentCo, Inc.
P.O. Box 512
Edmond, OK 73083

Emergency: 1-800-424-9300 (Chemtrec)
Phone: 1-405-556-4663

Product Name: TFS 1505 Winter
Revision Date: 10/17/2017
SDS Number: Sample
CAS Number: Blend
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, 4
Health, Skin corrosion/irritation, 1 C
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 3 Dermal
Health, Acute toxicity, 3 Inhalation
Health, Acute toxicity, 3 Oral
Health, Respiratory or skin sensitization, 1 Skin
Health, Specific target organ toxicity - Repeated exposure, 2
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Chronic, 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H227 - Combustible liquid
H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H311 - Toxic in contact with skin
H331 - Toxic if inhaled
H301 - Toxic if swallowed
H317 - May cause an allergic skin reaction
H373 - May cause damage to organs through prolonged or repeated exposure
H351 - Suspected of causing cancer
H304 - May be fatal if swallowed and enters airways
H410 - Very toxic to aquatic life with long lasting effects

TFS 1505 Winter

SDS Number: Sample

Revision Date: 10/17/2017

Page 2 of 5

GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P243 - Take precautionary measures against static discharge.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash hands thoroughly after handling.
- P273 - Avoid release to the environment.
- 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.
- P308+313 - IF exposed or concerned: Get medical advice/attention.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
64742-94-5	35-45%	Solvent naphtha, petroleum, heavy arom.
111-76-2	10-20%	2-Butoxyethanol
64742-95-6	<10%	Solvent naphtha, petroleum, light arom.
95-63-6	<5%	1,2,4-Trimethylbenzene
91-20-3	<5%	Naphthalene
1330-20-7	<5%	Xylene
128-39-2	<5%	2,6-Di-tert-butylphenol
101-96-2	<5%	1,4-Benzenediamine, N,N'-bis(1-methylpropyl)-
84605-20-9	<5%	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs.

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:** 66 C (151 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).

TFS 1505 Winter

SDS Number: Sample

Revision Date: 10/17/2017

Page 3 of 5

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 is 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/m³
 ACGIH TWA: 100 ppm, 434 mg/m³
 OSHA STEL: 150 ppm, 655 mg/m³
 ACGIH STEL: 150 ppm, 651 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber	Odor:	Hydrocarbon-like
Physical State:	Liquid	Solubility:	Nil in water
Spec Grav./Density:	0.90 at 60 F (Water = 1)	Freezing/Melting Pt.:	Not available
Viscosity:	Not available	Flash Point:	66 C (151 F)
Boiling Point:	Not available	Vapor Density:	Not available
Flammability:	Not available	Bulk Density:	7.53 lbs/gal
Partition Coefficient:	Not available	UFL/LFL:	Not available
Vapor Pressure:	Not available		
pH:	Not available		
Evap. Rate:	Not available		
Decomp Temp:	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:
 2-Butoxyethanol is severe eye irritant in rabbits.
 Solvent Petroleum Naphtha, slightly irritating to rabbits.

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

TFS 1505 Winter

SDS Number: Sample

Revision Date: 10/17/2017

Page 4 of 5

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha LD50 10 ml/kg in rats.
2-Butoxyethanol LD50 1.4 g/kg in guinea pigs.

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha no deaths at 710 ppm in rats at 4 hours.
2-Butoxyethanol LC50 >633 ppm in guinea pigs at 1 hour.

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

13	DISPOSAL CONSIDERATIONS
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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
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NA1993, Combustible liquid, -, PGIII, (Contains Petroleum Naphtha, 2-Butoxyethanol)

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

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Solvent naphtha, petroleum, heavy arom. (64742-94-5) [35-45%] TSCA

2-Butoxyethanol (111-76-2) [10-20%] HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

Solvent naphtha, petroleum, light arom. (64742-95-6) [<10%] TSCA

1,2,4-Trimethylbenzene (95-63-6) [<5%] MASS, NJHS, PA, SARA313, TSCA, TXAIR

RQ(100LBS), Naphthalene (91-20-3) [<5%] CERCLA, CSWHS, EPCRAWPC, GADSL, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

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

2,6-Di-tert-butylphenol (128-39-2) [<5%] TSCA

1,4-Benzenediamine, N,N'-bis(1-methylpropyl)- (101-96-2) [<5%] TSCA

Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs. (84605-20-9) [<5%] TSCA

Regulatory CODE Descriptions

RQ = Reportable Quantity
TSCA = Toxic Substances Control Act
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances

TFS 1505 Winter

SDS Number: Sample

Revision Date: 10/17/2017

Page 5 of 5

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
GADSL = Global Automotive Declarable Substance List (GADSL)
PRIPOL = Clean Water Act Priority Pollutants
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List

16

OTHER INFORMATION

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