

TCP 950E

SDS Number: 60751

Revision Date: 2/10/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: TCP 950E
Revision Date: 2/10/2015
SDS Number: 60751
CAS Number: Blend
Product Code: 60751
Synonyms: Diesel Fuel Additive

Company Identification

Tri-County Petroleum
State Route 1036
Defiance, PA 16672

318-686-7872 (For product information)
1-800-894-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2 HAZARDS IDENTIFICATION

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 3
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 2
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Chronic, 2

GHS Phrases:

H226 - Flammable liquid and vapor
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
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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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Chemical Name	Percentage	CAS#
Light aromatic solvent naphtha	10.0 - 30.0	64742-95-6
1,2,4-Trimethylbenzene	< 10	95-63-6
1,3,5-Trimethylbenzene		108-67-8
Xylene	< 0.7	1330-20-7
Cumene	< 0.5	98-82-8
Naphthalene		91-20-3
Vinyl acetate monomer	< 0.2	108-05-4
Ethylbenzene		100-41-4

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:** 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:** 49.1 C (115.0 F)
Flash Point Method: TCC

Use 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 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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equip: Use of safety glassses and gloves are recommended.

EXPOSURE GUIDELINES:

1,2,4-TRIMETHYLBENZENE

ACGIH TWA: 25 ppm

1,3,5-TRIMETHYLBENZENE

ACGIH TWA: 25 ppm

XYLENE

OSHA TWA: 100 ppm

OSHA STEL: 150 ppm

CUMENE

OSHA PEL: 50 ppm, 245 mg/m³

OSHA TWA: 50 ppm

ACGIH TWA: 50 ppm

NAPHTHALENE

OSHA PEL: 10 ppm, 50 mg/m³

OSHA TWA: 10 ppm, 50 mg/m³

OSHA STEL: 15 ppm

VINYL ACETATE

OSHA TWA: 10 ppm, 30 mg/m³

OSHA STEL: 20 ppm

ETHYLBENZENE

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OSHA TWA: 100 ppm
OSHA STEL: 125 ppm
ACGIH STEL: 125 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber	Solubility:	Nil in water
Physical State:	Liquid		
Spec Grav./Density:	0.873 (Water = 1)		

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	High temperatures above 50 C (122 F) 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 carcinogen, mutagen, or teratogen.

EYE EFFECTS:

Vinyl Acetate is a severe eye irritant (rabbit).
Solvent Petroleum Naphtha, slightly irritating (rabbit).

SKIN EFFECTS:

Vinyl Acetate is a slight skin irritant. Skin absorption LD50 is 2,335 mg/kg in rabbits for Vinyl Acetate.
Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).

ACUTE ORAL EFFECTS:

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

ACUTE INHALATION EFFECTS:

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

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available

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13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.
Do not flush to surface water or drains

14 TRANSPORT INFORMATION

UN #: NA 1993, Class: -, Proper Shipping Name: Combustible liquid, n.o.s.

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).

REGULATORY DISCLOSURES:

New Jersey Right to Know list:

1,2,4-Trimethylbenzene, CAS #95-63-6, < 20 - 35 %.
1,3,5-Trimethylbenzene, CAS # 108-67-8, 5 - 10 %.
Cumene, CAS # 98-82-8, < 2.0%.
Xylene, CAS # 1330-20-7, < 3 %.
Naphthalene, CAS# 91-20-3, < 1.0 %

Pennsylvania Right to Know List:

1,2,4-Trimethylbenzene, CAS #95-63-6, < 20 - 35 %.
Cumene, CAS # 98-82-8, < 2 %.
Xylene, CAS # 1330-20-7, < 3 %.
Naphthalene, CAS# 91-20-3, < 1.0 %.
Ethylbenzene, CAS# 100-41-4, < 0.2%.

Canadian Disclosure List

1,2,4-TRIMETHYLBENZENE (95-63-6)
1,3,5-TRIMETHYLBENZENE (108-67-8)
CUMENE (98-82-8)
ETHYLBENZENE (100-41-4)

SARA Title III - Section 313

1,2,4-TRIMETHYLBENZENE (95-63-6)
XYLENE (1330-20-7)
CUMENE (98-82-8)
NAPHTHALENE (91-20-3)
VINYL ACETATE (108-05-4)
ETHYLBENZENE (100-41-4)

CERCLA Hazardous Substances

XYLENE (1330-20-7) -- RQ 1000 lb
CUMENE (98-82-8) -- RQ 5000 lb
NAPHTHALENE (91-20-3) -- RQ 100 lb
VINYL ACETATE (108-05-4) -- RQ 5000 lb
ETHYLBENZENE (100-41-4) -- RQ 1000 lb

RCRA Hazardous Substances

XYLENE (1330-20-7) -- RCRA Code: U239

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CUMENE (98-82-8) -- RCRA Code: U055
NAPHTHALENE (91-20-3) -- RCRA Code: U165

Clean Air Act - Section 112

VINYL ACETATE (108-05-4)

Title V

1,2,4-TRIMETHYLBENZENE (95-63-6)
XYLENE (1330-20-7)
CUMENE (98-82-8)
NAPHTHALENE (91-20-3)
VINYL ACETATE (108-05-4)
ETHYLBENZENE (100-41-4)

SC Toxic Air Pollutants List

XYLENE (1330-20-7)
CUMENE (98-82-8)
NAPHTHALENE (91-20-3)
VINYL ACETATE (108-05-4)
ETHYLBENZENE (100-41-4)

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OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Tri-County Petroleum 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 Tri-County Petroleum.