

# SDS

## Safety Data Sheet

### Summer STR2+ Distillate and Biodiesel Conditioner

SDS Number: 60570

Revision Date: 2/15/2017

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#### 1 PRODUCT AND COMPANY IDENTIFICATION

##### Manufacturer

Technol Fuel Conditioners, Inc.  
145 Wyckoff Road  
Eatontown, NJ 07724

**Emergency:** 1-800-424-9300 (Chemtrec)  
**Phone:** 1-800-645-4033

**Product Name:** Summer STR2+ Distillate and Biodiesel Conditioner  
**Revision Date:** 2/15/2017  
**SDS Number:** 60570  
**CAS Number:** Blend  
**Product Code:** 60570  
**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, Serious Eye Damage/Eye Irritation, 2 B  
Health, Skin corrosion/irritation, 1 C  
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  
H320 - Causes eye irritation  
H314 - Causes severe skin burns and eye damage  
H351 - Suspected of causing cancer  
H304 - May be fatal if swallowed and enters airways  
H411 - Toxic to aquatic life with long lasting effects

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### 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.  
 P302+352 - IF ON SKIN: 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.  
 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	40-50%	Solvent naphtha, petroleum, light arom.
95-63-6	<25%	1,2,4-Trimethylbenzene
111-76-2	<5%	2-Butoxyethanol
1330-20-7	<3%	Xylene
64742-94-5	<3%	Solvent naphtha, petroleum, heavy arom.
110-25-8	<3%	Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecenyl]-
98-82-8	<2%	Cumene
94-91-7	<2%	Phenol, 2,2'-[(1-methyl-1,2-ethanediyl)]bis(nitrilomethylidyne)]bis-

## 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:** 52 C (126 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.

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### 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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### 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>

**CUMENE**

OSHA PEL: 50 ppm

OSHA TWA: 50 ppm, 245 mg/m<sup>3</sup>

ACGIH TWA: 50 ppm, 246 mg/m<sup>3</sup>

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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Yellow	<b>Solubility:</b>	Nil in water
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	Not available
<b>Spec Grav./Density:</b>	0.91 @ 25 C	<b>Flash Point:</b>	52 C (126 F)
<b>Viscosity:</b>	Not available	<b>Vapor Density:</b>	> 1.0
<b>Boiling Point:</b>	340 F	<b>Bulk Density:</b>	7.6 lbs/gal
<b>Flammability:</b>	Not available	<b>UFL/LFL:</b>	Not available
<b>Partition Coefficient:</b>	Not available		
<b>Vapor Pressure:</b>	Not available		
<b>Evap. Rate:</b>	Not available		
<b>Decomp Temp:</b>	Not available		

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### STABILITY AND REACTIVITY

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

**Conditions to Avoid:** High temperatures, 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.

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### 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 (Rat). Slightly irritating (rabbit, 4 hour(s)).

#### ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha, LD50, 10 ml/kg in rats.

#### ACUTE INHALATION EFFECTS:

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.

### 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. Not regulated by US in containers less than 119 gallons.)

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: UN1993, Flammable liquid, n.o.s., (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene), 3, PGIII.

### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

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Solvent naphtha, petroleum, light arom. (64742-95-6) [40-50%] TSCA

1,2,4-Trimethylbenzene (95-63-6) [<25%] MASS, NJHS, PA, SARA313, TSCA, TXAIR

2-Butoxyethanol (111-76-2) [<5%] HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

RQ(100LBS), Xylene (1330-20-7) [<3%] CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

Solvent naphtha, petroleum, heavy arom. (64742-94-5) [<3%] TSCA

Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecenyl]- (110-25-8) [<3%] TSCA

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

Phenol, 2,2'-[(1-methyl-1,2-ethanediyl)bis(nitrilomethylidyne)]bis- (94-91-7) [<2%] TSCA

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

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### OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Technol Fuel Conditioners, Inc. 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 Technol Fuel Conditioners, Inc.