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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Prolong Super Duty Diesel Fuel System Treatment  
Prolong Diesel Fuel Treatment

**Other means of identification** PSL16112, PSL16125, PSL16155

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Diesel Fuel Treatment

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** GoldenWest Lubricants, Inc.

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable Liquids – Category 2

Carcinogenicity – Category 2

Specific Target Organ Toxicity (Single Exposure) [Respiratory tract irritation and Narcotic Effects]. – Category 3

Aquatic Toxicity (Chronic) – Category 2]

### GHS Label elements, including precautionary statements

#### Emergency Overview

#### Signal word:

Warning

#### Hazard Statement:

Flammable liquid and vapor.  
Suspected of causing cancer.  
May cause respiratory irritation.  
May be fatal if swallowed and enters airways.  
May cause drowsiness and dizziness.  
Harmful to aquatic life with long lasting effects.



**Appearance** Amber

**Physical State** Oil Viscous liquid

**Odor** Strong Hydrocarbons

#### **Precautionary Statements - Prevention**

Obtain special instructions before use. Do not breathe mist or vapor. Use personal protective equipment as required. Keep away from heat, sparks, open flames and hot surfaces. Do not eat, drink or smoke when using this product. Avoid release to the environment.

#### **Precautionary Statements - Response**

If in eyes: Rinse cautiously with water for several minutes. Remove Contact Lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention. If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If ingested do not induce vomiting. If operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air-supplied breathing equipment is recommended.

#### **Precautionary Statements - Storage**

Store away from incompatible materials. Keep cool.

#### **Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### **Hazards not otherwise classified (HNOC)**

None known.

#### **Unknown Toxicity**

A percentage of this mixture consists of ingredient(s) of unknown toxicity.

**Other information**

Harmful to aquatic life with long lasting effects.

**Interactions with Other Chemicals**

No information available.

**Substance/mixture:** Mixture

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Distillates, Petroleum, Hydrotreated Light Naphthenic	64742-53-6	50-60%	
Solvent naphtha (petroleum), light aromatic	64742-95-6	10-31%	
Solvent Naphtha (petroleum), heavy aromatic	64742-94-5	7-10%	
Benzene, 1,2,4-trimethyl-	95-63-6	7-14%	
Benzene, 1,3,5-trimethyl-	108-67-8	1.78-3.5%	
N-Propyl benzene	103-65-1	1.78-3.5%	
2-Ethyl hexanol	104-76-7	1.75-3%	

\*The exact percentage (concentration) of composition has been withheld as a trade secret to protect confidentiality or due to batch variation.

### 4. FIRST AID MEASURES

**First aid measures****General Advice**

No information available.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if symptoms occur.

**Skin Contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Continue to rinse for 15 minutes.

**Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**

Call a physician or poison control center immediately. Do NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects**

Inhalation: May cause dizziness and drowsiness. May cause respiratory irritation. Ingestion: May cause drowsiness and dizziness. May be fatal if swallowed and enters airways.

**Indication of any immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Treat symptomatically. Keep victim under observations. Symptoms may be delayed.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific Hazards Arising from the Chemical

Combustible – United States and Canada

Flammable – European Union

VAPOR MAY CAUSE FLASH FIRE. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

### Hazardous Combustion Products

Normal combustion forms carbon dioxide and water vapor, and may produce oxides of carbon, sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Shut off all ignition sources. No flares, smoking or flames in hazard area. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For Personal protection, see section 8 of the SDS.

#### **Other Information**

Refer to protective measures listed in Sections 7 and 8.

### Environmental Precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

### Methods and material for containment and cleaning up

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Use spark-proof tools and explosion-proof equipment. Water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Provide adequate ventilation. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

**Incompatible Products**                      Oxidizing agent.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Distillate (Petroleum) Hydro treated Light Naphthenic	TWA: 5 mg/m <sup>3</sup> , as oil mist, mineral	TWA: 5 mg/m <sup>3</sup> , as oil mist, mineral	
Solvent naphtha (petroleum), light aromatic		TWA: 500 ppm 8 hour(s)	
Solvent naphtha (petroleum), heavy aromatic		TWA 500 ppm 8 hour(s). TWA: 2000 mg/m <sup>3</sup> 8 hour(s)	
Benzene, 1,2,4-trimethyl-	TWA: 25 ppm		
Benzene, 1,3,5-trimethyl-	TWA: 25 ppm		
N-Propyl benzene			

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health.*

**Other Exposure Guidelines**                      Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992) See section 15 for national exposure control parameters.

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face Protection**

Tight sealing safety goggles.

#### **Skin and Body Protection**

Wear protective gloves and protective clothing. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the work shift. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.



## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition and open flames.

### Incompatible materials

Oxidizing agent.

### Hazardous Decomposition Products

May cause dense smoke, oxides of carbon, nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Irritating to respiratory system.
<b>Eye Contact</b>	Irritating to eyes. Does not meet EU R41 or R36 classification criteria.
<b>Skin Contact</b>	Irritating to skin.
<b>Ingestion</b>	May cause gastrointestinal irritation and diarrhea.
<b>Component Information</b>	Specific test data for the substance or mixture is not available.

### Information on toxicological effects

#### Adverse Effects

-Adverse symptoms may include the following: In the presence of slight maternal toxicity, fetotoxic effects have been observed in the offspring of rats exposed by inhalation to Solvent Naphtha (petroleum) light aromatic.

-Adverse symptoms may include the following: liver, kidneys, lungs, and heart effects by dermal route and immune system effects by ingestion route. Not a developmental toxicant when administered dermally. Weak carcinogenic liver response was observed in mice, but not rats.

-Adverse symptoms may include the following: This product contains trimethylbenzene. Literature data indicate that long-term inhalation exposure causes blood effects in laboratory animals.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.. Petroleum products are known to cause cancer because of carcinogenic components (e.g. benzene). These carcinogenic components may be removed during the refinement process.

Chemical Name	Result	Species	Dose	Exposure
Distillate (Petroleum) Hydro treated Light Naphthenic				
Solvent naphtha (petroleum), light aromatic	LD50 Oral	Rat	8400 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
	LD50 Oral	Rat	2900 mg/kg	-
Solvent Naphtha (petroleum), heavy aromatic	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2500 mg/kg	-
Benzene, 1,2,4-trimethyl-	LD50 Oral	Rat	5000 mg/kg	-
	LC50 Inhalation	Rat	18000 mg/m3	-
Benzene, 1,3,5-trimethyl-	LC50 Inhalation Vapor	Rat	24000 mg/m3	4 hours
2-Ethyl hexane	LD50 Dermal	Rabbit	1970 mg/kg	-
	LD50 Dermal	Rabbit	1700 mg/kg	-
	LD50 Oral	Mouse	2000 to 3800 mg/kg	-
N-Propyl benzene	LD50 Oral	Rat	6040 mg/kg	-

**ACGIH (American Conference of Governmental Industrial Hygienists)**

**IARC (International Agency for Research on Cancer)**

The International Agency for research on cancer had concluded that highly or severely refined light and middle distillates are Group 3 substances, "not classifiable as to their carcinogenicity to humans," based on inadequate information.

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

**Reproductive Toxicity** May cause harm to breastfed babies.

**STOT - single exposure** No information available.

Name	Category	Route of Exposure	Target Organs
Solvent naphtha (petroleum), light aromatic	Category 3	Not applicable	Respiratory trace irritation and Narcotic effects
Benzene, 1,2,4-trimethyl-	Category 3	Not applicable	Respiratory tract irritation
Benzene, 1,3,5-trimethyl-	Category 3	Not applicable	Respiratory tract irritation
Propyl benzene	Category 3	Not applicable	Respiratory tract irritation

**STOT - repeated exposure** No information available.

**Aspiration hazard**

Name	Result
Solvent naphtha (petroleum), light aromatic	Aspiration Hazard – Category 1
Propyl benzene	Aspiration Hazard – Category 1





**Information on the likely routes of exposure:** Skin, Eyes, Ingestion, and Inhalation.

**Potential acute health effects**

**Inhalation:**

May cause drowsiness and dizziness. May cause respiratory irritation.

**Skin contact:**

No known significant effects or critical hazards.

**Ingestion:**

May cause drowsiness and dizziness. May be fatal if swallowed and enters airways.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Inhalation:**

Adverse symptoms may include the following:

Respiratory tract irritation.

Coughing.

Nausea or vomiting.

Headache.

Drowsiness/fatigue.

Dizziness/vertigo.

Unconsciousness.

**Eye contact:**

No known significant effects or critical hazards.

**Ingestion:**

Adverse symptoms may include the following:

Nausea or vomiting.

**Skin contact:**

No known significant effects or critical hazards.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects:**

Not available.

**Potential delayed effects:**

Not available.

**Long term exposure**

**Potential immediate effects:**

Not available.

**Potential delayed effects:**

Not available.

**Potential chronic health effects**

Not available.

**Carcinogenicity:**

Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

**Numerical measures of toxicity Product Information**

Not Available.

**The following values are calculated based on chapter 3.1 of the GHS document**

Not applicable.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity**

**Environmental hazards:**

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Based on calculation.

**Environmental fate:**

This product contains components which may be persistent in the environment.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

##### Disposal methods

Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and y regional local authority requirement. Dispose of all surplus and non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled. Empty containers or liners may retain some product residues and must be cleaned or rinsed before disposal. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

##### Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

### 14. TRANSPORT INFORMATION

#### DOT

UN Number UN1993  
 Proper Shipping Name Flammable liquids, n.o.s. (Petroleum distillates)  
 Class 3  
 Packing Group III

#### TDG

UN Number UN1993  
 Proper Shipping Name Flammable liquids, n.o.s. (Petroleum distillates)  
 Class 3  
 Packing Group III

#### ADR/RID/Class

UN Number UN1993  
 Proper Shipping Name Flammable liquids, n.o.s. (Petroleum distillates)  
 Class 3  
 Packing Group III

#### ADR/RID/Class

UN Number UN1993  
 Proper Shipping Name Flammable liquids, n.o.s. (Petroleum distillates)  
 Class 3  
 Packing Group III

#### IATA

UN Number UN1993  
 Proper Shipping Name Flammable liquids, n.o.s. (Petroleum distillates)  
 Class 3  
 Packing Group III

#### IMDG/IMO

UN Number UN1993  
 Proper Shipping Name Flammable liquids, n.o.s. (Petroleum distillates)  
 Class 3  
 Packing Group III

<b>ADG Class</b>	
<b>UN Number</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquids, n.o.s. (Petroleum distillates)
<b>Class</b>	3
<b>Packing Group</b>	III

## 15. REGULATORY INFORMATION

### EU regulations Hazard symbols(s)



### Risk phrases:

R10-Flammable.  
 R40-Limited evidence of a carcinogenic effect.  
 R37-Irritating to respiratory system.  
 R66-Repeated exposure may cause skin dryness or cracking.  
 R67- Vapors may cause drowsiness and dizziness.  
 R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Safety phrases:

S16-Keep away from sources of ignition- No smoking.  
 S23-Do not breathe vapor.  
 S36/37-Wear suitable protective clothing and gloves.  
 S57-Use appropriate containment to avoid environmental contamination.

### International Inventories

TSCA Complies.  
 DSL/NDSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

Europe inventory – All components are listed or exempt.  
 Japan inventory (ENCs) – At least one component is not listed.  
 Australia inventory (AICS) – All components are listed or exempted.  
 Korea inventory (KECI) – All components are listed or exempted.  
 China inventory (IECSC) –All components are listed or exempted.  
 Philippines inventory (PICCS) – All components are listed or exempted.  
 New Zealand Inventory of Chemicals (NZIoC) – All components are listed or exempted.

### US Federal Regulations

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Europe

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

### Australia

Classified as hazardous according to the criteria of Safe Work Australia and classified as dangerous goods according to the ADG Code.

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**RQ(Reportable quantity)**

CERCLA: Hazardous substances: Benzene: 10 lbs. (4.54 kg); Benzo[a]pyrene: 1 lb. (0.454 kg); Ethyl benzene: 1000 lbs. (454 kg).

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Ethyl benzene	Yes
Toluene	Yes
Benzene	Yes
Benzo[A]Pyrene	Yes

**U.S. State Right-to-Know Regulations**

**International Regulations**

**Mexico**

National occupational exposure limits

**Canada**

**WHMIS Hazard Class**

Class B-3: Combustible liquid with a flash point between 37.8°C(100°F) and 93.9°C(200°F).)  
 Class D-2A: Material causing other toxic effects (Very toxic).  
 Class D-2B: Material causing other toxic effects (Toxic).



**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazards 1	Flammability 2	Instability 0	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	Health Hazards 1*	Flammability 2	Physical Hazard 0	<b>Personal Protection B</b>
<b>Chronic Hazard Star Legend</b> * = Chronic Health Hazard				

**Prepared By**  
**Issuing Date** 01-July-2015  
**Revision Date**  
**Revision Note** No information available

**Disclaimer**  
 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

For best results, wait until fuel tank(s) are nearly empty. Apply by pouring directly into fuel tank, then fill with fuel. Effective for all diesel vehicle, marine, stationary and generator engines.

- 1 to 2 oz. treats 10 gallons of fuel
- 8 oz. treats 50 gallons of diesel fuel
- 1 quart treats 200 gallons of diesel fuel

