



*"We Take the Heat!"*

**pp7global.com**



Conforms to OSHA HCS 2012 (29 CFR 1910.1200)

## SAFETY DATA SHEET

# PETRON PLUS™ THE ENGINE CONDITIONER

Part No. 12121-12oz, 12121-1g, 12121-5g, 12121-54g, 12121-275g, 12121-330-g

### SECTION 1. PREPARATION INFORMATION

<b>Date</b>	:	March 18, 2015
<b>GHS Product identifier</b>	:	Petron Plus The Engine Conditioner ID #: 12121-12oz, 12121-1g, 12121-5g, 12121-54g, 12121-275g 12121-330g
<b>Code</b>	:	Lubricant and Supplement.
<b>CAS Number</b>	:	Not Applicable for mixtures.
<b>Synonyms</b>	:	None.
<b>Generic Chemical Name</b>	:	Mixture.
<b>Applications include the Following</b>	:	Gasoline Engines and Propane Engines Oil Supplement, 12oz. to 4 to 6 quarts of engine oil. Do Not use in diesel engines.
<b>Manufactured by</b>	:	PETRON PLUS GLOBAL, INC. P. O. BOX 1906 208 East 2nd HUTCHINSON, KS. 67504-1906 USA
<b>Contact Information</b>	:	620/663-1800 - Phone info@petronplus7.com Emergency Health and Safety Number: CHEMTREC: 800.424.9300 (24 Hours) International: +1-703-527-3887

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**SECTION 2. HAZARDOUS IDENTIFICATION**

**Hazard Classification**

**Unknown toxicity**

- Acute toxicity, oral : 0.03 %
- Acute toxicity, dermal : 0.03 %
- Acute toxicity, inhalation, vapor : 7.84 %
- Acute toxicity, Inhalation, dust : 7.84 %

- Health hazards** :
  - Aspiration hazard Category 1
  - Reproductive toxicity Effects on or via lactation
  - Acute toxicity (Oral) Category 4
  - Specific Target Organ Toxicity Category 2
  - Repeated Exposure

- Environmental hazards** :
  - Hazardous to the aquatic environment, acute hazard Category 3
  - Hazardous to the aquatic environment, long-term hazard Category 1

- OSHA Defined hazards** : Not classified.

- Classification of the substance or mixture** : Not Classified.

- Label elements** :



- Signal Word** : Danger.

- Hazard statement** :
  - May be fatal if swallowed and enter airways.
  - May cause harm to breast-fed children.
  - Harmful to aquatic life.
  - Very toxic to aquatic life with long lasting effects.
  - Harmful if swallowed.
  - May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

- Prevention** :
  - Do not breathe dust/fume/gas/mist/vapors/spray.
  - Do not handle until all safety precautions have been read and understood.
  - Avoid contact during pregnancy/while nursing.
  - Wash thoroughly after handling.
  - Do not eat, drink or smoke when using this product.
  - Avoid contact with eyes.
  - Avoid release to the environment.
  - Observe good industrial hygiene practices.

**SECTION 2. HAZARDOUS IDENTIFICATION, Cont.**

Precautionary statements, Cont.

- Response** : IF SWALLOWED: Call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If exposed or concerned: Get medical advice/attention. Wash thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Storage** : Store in well-ventilated place. Keep container tightly closed.
- Disposal** : Disposal of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazards not otherwise classified** : None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

- Substance/mixture** : Mixture
- Other means of identification** : Not applicable.
- CAS Number/other identifiers**
- CAS number** : Not applicable.

CHEMICAL NAME	CAS # or	% RANGE
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	20 - 50 %
Proprietary Ingredients	Mixture	10 - 40%
Mineral Oil	Not determined	} 3 - 20 % } 0.7 - 2 % } 0.7 - 2 % } 5 - 20 % Mixture } 0.1 - 0.8 % } 0.01 - 0.08
Alkaryl amine	Confidential	
Zinc alkyldithiophosphate	Confidential	
Zinc alkyldithiophosphate	84605-29-8	
Diphenylamine	122-39-4	
Highly refined mineral oil (C15-C50 01154100-5165P	Mixture } Trade secret }	1 - 10 %Mixture 0.1 - 1 %
Highly refined mineral oil (C15-C50 Calcium branched chain Alkylated phenol sulfide	Mixture } Trade secret }	1 - 10 % 1 - 5% Mixture
Fatty Acid, Tall-Oil, Esters with Neopentyl Glycol	68002-76-6	1 - 5 %
Alkaryl amine	Confidential	0.3 - 0.8 Mixture 0.005 - 0.05%
Diphenylamine	122-39-4	
Mineral Oil	64742-53-6	0.04 - 0.06

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS, Cont.**

The mineral oil contained in this material may be described by one or more of the following CAS Nos.: 64742-54-7, 64742-65-0, 64742-55-8, and 64742-56-9.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### **SECTION 4. FIRST AID MEASURES**

#### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water (for 30 minutes), occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Launder contaminated clothing before reuse. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do NOT INDUCE VOMITING unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye Contact** : Direct contact with eyes may cause temporary irritation.
- Inhalation** : May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of mist at airborne levels above recommended mineral oil exposure limit.
- Skin contact** : If material is heated, thermal burns may result from skin contact.
- Ingestion** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

- Eye Contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Indication of immediate medical attention and special treatment needed, if necessary

- Note to physician** : Acute aspirations of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.
- Special treatment** : No special treatment.
- Protection of first-aiders** : No special protection is needed.

## SECTION 5. FIRE-FIGHTING MEASURES

### NFPA 704 Hazard Class

Health: 1 Flammability: 1 Instability: 0



0 (Minimal)  
1 (Slight)  
2 (Moderate)  
3 (Serious)  
4 (Severe)

### Extinguishing media

Suitable extinguishing media : Water fog, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

### Extinguishing media, Cont.

Specific hazards arising from the chemical : During fire, gases hazardous to health may be formed.

Hazardous thermal decomposition products : Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, and other products of incomplete combustion.

Special protective actions for fire-fighters : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode. Move containers from fire area if you can do so without risk.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on the suitable and unsuitable materials. See also the information in "For non-emergency personnel".

## **SECTION 6. ACCIDENTAL RELEASE MEASURES, Cont.**

### Personal precautions, protective equipment and emergency procedures, Cont.

**Environmental precautions :** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**SPILL PROCEDURES :** For Small Spills: ventilate area, wear chemical splash goggles. Wear rubber boots. Prevent entry into sewers, waterways. Pick up free liquid for recycle or disposal. Absorb small amount on inert material for disposal.

**SPILL PROCEDURES :** For Large Spills: Personal Protective Equipment must be worn. Avoid skin contact. Use skin protection. See Personal Protection Section for additional PPE recommendations. Take precautions to avoid release to the environment. Ventilate area if spilled in confined space or other poorly ventilated area. Prevent entry into sewer and waterway, dispose of in accordance with all federal, state and local environmental regulations. Pick-up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

## **SECTION 7. HANDLING AND STORAGE**

### Precautions for safe handling

**Protective measures :** Put on appropriate personal protective equipment (see Section \*). Avoid contact with used product. Do not reuse container.

**Advice on general occupational hygiene :** Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities :** Store in accordance with local regulations. Store in original container protected from direct sunlight in dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and keep upright to prevent leaking. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Control parameters

#### Occupational exposure limits

Under conditions which may generate mists, the following additional exposure limits are recommended: ACGIH TLV  
TWA: 5 mg/m<sup>3</sup> ; STEL: 10 mg/m<sup>3</sup>.

**Appropriate engineering controls :** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION, Cont.**

### Control parameters, Cont.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a skin risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### Appearance

**Physical state** : Liquid.  
**Color** : Brown.  
**Odor** : Mild hydrocarbon.  
**Odor threshold** : Not available.  
**pH** : Not available.  
**Pour point** : <-10°F (-23.3°C).  
**Boiling point** : Not available.  
**Flash point** : >310°F (154°C). [Cleveland]  
**Evaporation rate** : Not available.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES, Cont.**

### Appearance, Cont.

Flammability (Solid, gas) :	Not available.
Lower and upper explosive (flammable) limits :	Not available.
Vapor pressure :	Not available.
Vapor density :	Not available.
Relative density :	Not available.
Solubility :	Not available.
Partition coefficient: n-octanol/water :	Not available.
Auto-ignition temperature :	Not available.
Decomposition temperature:	Not available.
Viscosity :	Not available.
Specific Gravity:	1.026 @ 60 degrees F.
Density :	8.545 (lbs/gal).

## **SECTION 10. STABILITY AND REACTIVITY**

Reactivity :	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability :	This product is stable.
Possibility of hazardous reactions :	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid :	No specific data.
Incompatible material:	Reactive or incompatible with the following materials: Oxidizing materials.
Thermal Decomposition :	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### Information on likely routes of exposure

Eye :	Weak to moderate eye irritant. Based on data from components or similar materials.
Skin :	Cause mild skin irritation. Based on data from components or similar materials
Inhalation :	Not expected to be a problem as long as exposure limits are not exceeded.
Ingestion :	Expected to be a low ingestion hazard. Based on data from components or similar materials.

## SECTION 11. TOXICOLOGICAL INFORMATION, Cont.

### Information on toxicological effects

#### Acute toxicity

##### Oral

Component : ATEmix > 10,000 mg/kg

##### Dermal

Component : Not classified for acute toxicity based on available data.

##### Inhalation

Component : Not classified for acute toxicity based on available data.

#### Skin Corrosion/Irritation

Component : Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.  
Remarks: Causes mild skin irritation.

#### Serious Eye Damage/Eye Irritation

Component : Direct contact with eyes may cause temporary irritation.

#### Respiratory sensitization

Component : No data available.

#### Skin sensitization

##### Components

Mineral oil : Classification: Not a skin sensitizer. (Read across) Not a skin sensitizer.

Zinc alkyldithiophosphate : Classification: Not a skin sensitizer. (Literature) Not a skin sensitizer.

Zinc alkyldithiophosphate : Classification: Not a skin sensitizer. (Literature).

Diphenylamine : Classification: Not a skin sensitizer. (Literature).

#### Specific Target Organ Toxicity - Single Exposure

##### Components

Mineral oil : If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

Diphenylamine : Exposure to a high concentration of vapors or mist may be irritating.

#### Aspiration Hazard

##### Components

Mineral oil : Material can be aspirated into the lungs during the act of swallowing or vomiting. This could result in severe injury to the lungs and death.

#### Other effects

##### Components

Diphenylamine : Kidney Blood Liver.

## **SECTION 11. TOXICOLOGICAL INFORMATION, Cont.**

### **Chronic Effects**

#### **Carcinogenicity**

**Components :** Not expected to cause cancer. This product contains mineral oils which are severely refined and not considered carcinogenic. All the oils in this product have been demonstrated to contain less than 3 % extractables by IP-346 test.

#### **IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

**:** No carcinogenic components identified.

#### **US. National Toxicology Program (NTP) Report on Carcinogenic:**

**:** No carcinogenic components identified.

#### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

**:** No carcinogenic components identified.

#### **Germ Cell Mutagenicity:**

**Alkaryl amine :** This material has not exhibited mutagenic or genotoxic potential in laboratory tests.

**Diphenylamine :** The Ames Salmonella test for mutagenicity was negative for this product. The mouse micronucleus and the ray hepatocyte UDS tests for genotoxicity were negative for diphenylamine.

#### **Reproductive Toxicity**

**Diphenylamine :** There are conflicting reports in the literature concerning the teratogenicity of diphenylamine. However, because the predominant route of exposure was oral (via gavage or diet) and relatively high dose levels were administered in the studies where positive effects were observed, it would not seem to present a workplace hazard.

#### **Specific Target Organ Toxicity - Repeated Exposure**

**Diphenylamine :** A two year feeding study in rats and dogs of diphenylamine demonstrated liver, kidney and blood cell damage. The effect was observed at levels as low as 100 ppm. A five month feeding study in rats of 1% diphenylamine produced renal cystic disease. A dose-dependent increase in Heinz body formation was evident during a 12 week study of 5 to 1000 ppm. The no effect level was at 10 ppm.  
Dermal: Target Organ(s): Liver, Kidney  
Inhalation: Target Organ(s): Kidney, Liver  
Oral Target Organ(s): Liver, Kidney

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
**Fish**

<b>Mineral Oil</b>	<b>:</b>	LC 50 (Fathead Minnow, 4 d): > 100 mg/l
<b>Alkaryl amine</b>	<b>:</b>	LC 50 (Zebra Fish, 4 d): > 100 mg/l
<b>Zinc alkyldithiophosphate:</b>		LC 50 (Rainbow Trout, 4 Days): 4.5 mg/l LC 50 (Rainbow Trout, 4 Days): 1.8 mg/l LC 50 (Sheepshead Minnow, 4 Days): 46 mg/l
<b>Zinc alkyldithiophosphate:</b>		LC 50 (Rainbow Trout, 4 Days): 4.5 mg/l LC 50 (Sheepshead Minnow, 4 Days): 46 mg/l LC 50 (Rainbow Trout, 4 Days): 1.8 mg/l
<b>Diphenylamine</b>	<b>:</b>	LC 50 (Not reported, 2 d): 2.2 mg/l
<b>Proprietary Ingredients</b>		
<b>Mixture</b>	<b>:</b>	LC50 Rainbow trout, donaldson trout: 0.06 - 0.08 mg/l, 96 hours (Oncorhynchus mykiss)
		LC50 Bleak (Alburnus alburnus): > 10000 mg/l, 96 hours > 5000 mg/l, 96 hours
		Bluegill (Lepomis macrochirus): > 300 mg/l, 24 hours > 300 mg/l, 96 hours > 10.7 mg/l, 24 hours > 10.7 mg/l, 96 hours > 10 mg/l, 24 hours > 10 mg/l, 96 hours > 0.1 mg/l, 24 hours > 0.1 mg/l, 96 hours
		Channel catfish (Ictalurus punctatus) > 300 mg/l, 24 hours > 300 mg/l, 96 hours > 10 mg/l, 24 hours > 10 mg/l, 96 hours > 0.1 mg/l, 24 hours > 0.1 mg/l, 96 hours
		Fathead minnow (Pimephales promelas) > 100 mg/l, 24 hours > 100 mg/l, 96 hours
		Rainbow trout, donaldson trout (Oncorhynchus mykiss) > 300 mg/l, 24 hours > 300 mg/l, 96 hours 94.5 - 271 mg/l, 24 h > 10 mg/l, 24 hours > 0.1 mg/l, 24 hours > 0.1 mg/l, 96 hours 0.06 - 0.08 mg/l, 96 h 0.06 - 0.08 mg/l, 96 h > 0.0109 mg/l, 24 hours > 0.0109 mg/l, 96 hours

## SECTION 12. ECOLOGICAL INFORMATION, Cont.

### Ecotoxicity, Cont. Fish, Cont.

Yellow perch (*Perca flavescens*) > 10.7 mg/l, 24 hours  
> 10.7 mg/l, 96 hours  
> 10 mg/l, 24 hours  
> 10 mg/l, 96 hours

\*Estimates for product may be based on additional component data not shown.

### Aquatic Invertebrates

Mineral Oil : LC 50 (Water Flea (*Daphnia magna*), 2 d): > 10,000 mg/l  
LC 50 (Water Flea (*Daphnia magna*), 21 d): > 10 mg/l  
NOEC (Water Flea (*Daphnia magna*), 21 d): > 10 mg/l

Alkaryl amine : LC 50 (Water Flea (*Daphnia magna*), 2 d): > 100 mg/l

Zinc alkyldithiophosphate: LC 50 (Water Flea (*Daphnia magna*), 2 d): > 23 mg/l  
NOEC (Water Flea (*Daphnia magna*), 2 d): > 10 mg/l  
LC 50 (Water Flea (*Daphnia magna*), 21 d): > 0.4 mg/l

Zinc alkyldithiophosphate: LC 50 (Water Flea (*Daphnia magna*), 2 d): > 23 mg/l  
NOEC (Water Flea (*Daphnia magna*), 2 d): > 10 mg/l  
LC 50 (Water Flea (*Daphnia magna*), 21 d): > 0.8 mg/l  
NOEC (Water Flea (*Daphnia magna*), 21 d): > 0.4 mg/l

Diphenylamine : LC 50 (Water Flea (*Daphnia magna*), 2 d): > 0.31 mg/l

### Toxicity to Aquatic Plants

Mineral Oil : LC 50 (Green algae (*Scenedesmus quadricauda*), 3 d): > 100 mg/l

Alkaryl amine : LC 50 (Green algae (*Scenedesmus quadricauda*), 3 d): > 600 mg/l

Zinc alkyldithiophosphate: LC 50 (Green algae (*Scenedesmus quadricauda*), 3 d): > 21 mg/l

Zinc alkyldithiophosphate: LC 50 (Green algae (*Scenedesmus quadricauda*), 3 d): > 21 mg/l  
NOEC (Green algae (*Scenedesmus quadricauda*), 3 d): > 10 mg/l

Diphenylamine : LC 50 (Green algae (*Scenedesmus quadricauda*), 3 d): > 1.51 mg/l

### Toxicity to soil dwelling organisms

No data available.

### Sediment Toxicity

No data available.

### Toxicity to Terrestrial Plants

No data available.

### Toxicity to Above-Ground Organisms

No data available.

## SECTION 12. ECOLOGICAL INFORMATION, Cont.

### Toxicity to Microorganisms

- Alkaryl amine : LC 50 (Sludge, 0.1 d): > 1,000 mg/l  
Zinc alkyldithiophosphate: LC 50 (Sludge, 0.1 d): > 10,000 mg/l

### Persistence and Degradability

#### Biodegradation

- Mineral Oil : OECD TG 301 B, 31 %, 28 d, Not readily degradable.  
Alkaryl amine : OECD TG 301 B, 0 %, 28 d, Not readily degradable.  
Zinc alkyldithiophosphate: OECD TG 301 B, 1.5 %, 28 d, Not readily degradable.  
Zinc alkyldithiophosphate: OECD TG 301 B, 1.5 %, 28 d, Not readily degradable.  
Diphenylamine : OECD TG 301 D, 26 %, 26 d, Not readily degradable.

### Bioaccumulative Potential

#### Bioconcentration Factor (BCF)

- Alkaryl amine : Bioconcentration Factor (BCF): 1,584.89 (Measured).

#### Partition Coefficient n-octanol / water (log Kow)

- Zinc alkyldithiophosphate: Log Kow: 2.21 20°C, 68°F (Measured).  
Zinc alkyldithiophosphate: Log Kow: 0.56 (Measured).

Mobility : No data available.

Other Adverse Effects : No data available.

## SECTION 13. DISPOSAL CONSIDERATION

**WASTE DISPOSAL** : This material, if discarded, is not a hazardous waste under RCRA Regulation 40CFR 261. The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION for additional handling information and protection of employees.

## **SECTION 14. TRANSPORTATION INFORMATION**

**U.S. DOT** : Not regulated as dangerous goods.

**IMDG** : Not regulated as dangerous goods.

**IATA** : Not regulated as dangerous goods.

**Special Precautions for User** : No special precautions.

Shipping description may vary based on mode of transport, quantities, temperatures of the material, package size, percent of each component, and/or origin and destination it is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. For transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.

## **SECTION 15. REGULATORY INFORMATION**

### US Federal Regulations

#### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

##### Chemical Identity

Alkylated phenol  
Diphenylamine

##### Reportable Quantity

De minimis concentration: 0.1%  
De minimis concentration: 0.1%

#### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

<b>Immediate Hazard:</b>	<b>No</b>
<b>Delayed Hazard:</b>	<b>No</b>
<b>Fire Hazard:</b>	<b>No</b>
<b>Pressure Hazard:</b>	<b>No</b>
<b>Reactivity Hazard:</b>	<b>No</b>

**SARA 302 Extremely Hazardous Substance**

**SARA 304 Emergency Release Notification**

**SARA 311/312 Hazardous Chemical**

**SARA 313 (TRI Reporting)**

This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA). For additional information please contact Petron Plus Global, Inc. Customer Assistance: [info@petronplus7.com](mailto:info@petronplus7.com)

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## **SECTION 15. REGULATORY INFORMATION, Cont.**

### **US State Regulations**

#### **US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or cause birth defects or other reproductive harm.

Ethyl benzene	8.00 PPB
Naphthalene	8.00 PPB
Benzene	778.00 PPT
Toluene	777.00 PPT

**US. Massachusetts RTK:** Not regulated.

**US. New Jersey RTK:** Not listed.

**US. Pennsylvania RTK:** Not listed.

**US. Rhode Island RTK:** Not regulated.

### **International Inventories Status:**

#### **Inventory Status**

<b>Australia (AICS)</b>	:	All components are in compliance with chemical notification requirements in Australia.
<b>Canada (DSL/NDSL)</b>	:	All components are in compliance with Canadian Environmental Protection Act and are present on the Domestic Substances List.
<b>China (IECSC)</b>	:	All components of this product are listed on the Inventory of Existing Chemical Substances in China.
<b>European Union</b>	:	All components of this product are listed on the Inventory of Existing Commercial Chemical Substances (EINECS).
<b>Japan (ENCS)</b>	:	All components are in compliance with the Chemical Substances Control Law of Japan.
<b>New Zealand (NZIoC)</b>	:	All components are in compliance with chemical notification requirements in New Zealand.
<b>Philippines (PICCS)</b>	:	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
<b>Taiwan (TCSCA)</b>	:	All components of this product are listed on the Taiwan inventory.
<b>United States (TSCA)</b>	:	All components of this material are on the US TSCA Inventory or are exempt.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

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## SECTION 16. OTHER INFORMATION

**Key literature references and sources for data:** Internal company data, suppliers and other publicly available resources.

### HMIS Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

### NFPA Hazard ID



Rating

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - not possible.

**Revision Date:** 18-March-2015  
**Updated to Format.**

### Key to Abbreviations:

**ACGIH** = American Conference of Government Industrial Hygienists; **API** = American Petroleum Institute; **ATE** = Acute Toxicity Estimate; **BCF** = Bioconcentration Factor; **CAS/CASRN** = Chemical Abstracts Service Registry Number, **CEILING** = Ceiling Limit (15 minutes); **CERCLA** = The Comprehensive Environmental Response, Compensation, and Liability Act; **DOT** = Department of Transportation (USA); **EPA** = Environmental Protection Agency; **GHS** = Globally Harmonization System; **IARC** = International Agency for Research for Cancer; **IATA** = International Air Transport Association; **IBC** = Intermediate Bulk Container; **IMO/IMDG** = International Maritime Dangerous Goods Code; **INSHT** = National Institute for Health and Safety at Work; **IOPC** = International Oil Pollution Compensation; **LEL** = Lower Explosive Limit; **LogPow** = Logarithm of the octanol/water partition coefficient; **MARPOL 73/78** = International Convention for the Prevention of Pollution From Ships; 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution); **NE** = Not Established; **NFPA** = National Fire Protection Association; **NTP** = National Toxicology Program; **OSHA** = Occupational Safety and Health Administration; **PEL** = Permissible Exposure Limit (OSHA); **SDS** = Safety Data Sheet; **SARA** = Superfund Amendments and Reauthorization Act; **STEL** = Short Term Exposure Limit (15 minutes); **TLV** = Threshold Limit Value (ACGIH); **TWA** = Time Weight Average (8 hours); **UEL** = Upper Explosive Limit; **UN** = United Nations; **WHMIS** = Worker Hazardous Materials Information System (Canada).

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**SECTION 16. OTHER INFORMATION, Cont.**

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