

Issuing Date 22-Feb-2019

Revision Date 22-Feb-2019

Revision Number 1

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

### Product identifier

Product Name PGWS 100

### Other means of identification

Product Code(s) PGWS100

Synonyms None

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

Recommended Use Lubricant

Uses advised against No information available

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

#### Supplier Address

Ultrachem, Inc.  
900 Centerpoint Blvd  
New Castle, DE 19720  
Telephone: 302-325-9880  
Fax: 302-325-0335

US Distributor  
Fuchs Lubricants Co.  
17050 Lathrop Avenue  
Harvey, IL 60426  
(708) 333-8900  
(800) 255-3924 24 hrs Emergency

### Emergency telephone number

Chemtrec (US): 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

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

Skin sensitization	Category 1
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### Label elements

#### **Warning**

#### **Hazard statements**

May cause an allergic skin reaction

**Appearance** Oil**Physical state** Liquid**Odor** mild**Precautionary Statements - Prevention**

Wear protective gloves

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

Specific treatment (see information on this label)

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

Not applicable

**Unknown acute toxicity**

&lt;10% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture**

Chemical name	CAS No	Weight-%
N-Phenyl-1-naphthylamine	90-30-2	1 - 5
Triphenyl phosphate	115-86-6	0.1 - 1

### 4. FIRST AID MEASURES

**Description of first aid measures****Inhalation**

Remove to fresh air. Call a physician.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**

Wash skin with soap and water. Take off contaminated clothing and wash before reuse.

**Ingestion**

Drink plenty of water. Do NOT induce vomiting. Consult a physician.

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

May cause allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray, fog or regular foam.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** Should not be released into the environment. See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Place in appropriate chemical waste container.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly while observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Incompatible with oxidizing agents. Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triphenyl phosphate	TWA: 3 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	IDLH: 1000 mg/m <sup>3</sup>

115-86-6	(vacated) TWA: 3 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>
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**Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand Protection** Protective gloves.

**Skin and body protection** Wear suitable protective clothing. Gloves.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Avoid contact with skin, eyes or clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Oil
<b>Odor</b>	mild
<b>Color</b>	Nearly colorless
<b>Odor threshold</b>	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
<b>pH</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Boiling point / boiling range</b>	No data available	
<b>Flash point °C</b>	> 230	ASTM D-92
<b>Pour point °C</b>	< -40	ASTM D-97
<b>Evaporation rate</b>	No data available	
<b>Vapor pressure</b>	No data available	
<b>Relative density</b>	1.0-1.1	ASTM D-4052
<b>Water solubility</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Kinematic viscosity (40 °C)</b>	97.0 cSt	ASTM D-445

**Other Information**

<b>VOC Content (%)</b>	None
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## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	None under normal processing.
<b>Conditions to avoid</b>	None known based on information supplied.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	May cause slight eye irritation.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Ingestion</b>	May cause gastrointestinal discomfort if consumed in large amounts.

Information on toxicological effects

**Symptoms** No information available.

Numerical measures of toxicity

**Acute toxicity** No information available

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

**Unknown acute toxicity** <10% of the mixture consists of ingredient(s) of unknown toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
N-Phenyl-1-naphthylamine 90-30-2	= 1625 mg/kg ( Rat )	> 8000 mg/kg ( Rabbit )	-
Triphenyl phosphate 115-86-6	= 3500 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	> 200000 mg/m <sup>3</sup> ( Rat ) 1 h

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

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Triphenyl phosphate 115-86-6	0.6 - 4: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	0.28 - 0.5: 96 h Oncorhynchus mykiss mg/L LC50 static 0.47 - 1.04: 96 h Lepomis macrochirus mg/L LC50	-	0.86 - 1.2: 48 h Daphnia magna mg/L EC50

		static 0.53 - 0.8: 96 h Pimephales promelas mg/L LC50 static 1.2: 96 h Oryzias latipes mg/L LC50 static 0.81 - 0.94: 96 h Pimephales promelas mg/L LC50 flow-through		
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**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

Chemical name	Partition coefficient
Triphenyl phosphate 115-86-6	4.59

**Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### 14. TRANSPORT INFORMATION

DOT Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

<b>TSCA</b>	All of the components in the product are on the following Inventory lists
<b>DSL/NDSL</b>	All of the components in the product are on the following Inventory lists
<b>EINECS/ELINCS</b>	Not Listed
<b>ENCS</b>	Not Listed
<b>IECSC</b>	All of the components in the product are on the following Inventory lists
<b>KECL</b>	All of the components in the product are on the following Inventory lists
<b>PICCS</b>	All of the components in the product are on the following Inventory lists
<b>AICS</b>	All of the components in the product are on the following Inventory lists

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any 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**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	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.

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

**US State Regulations** This product may contain substances regulated by state right-to-know regulations

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## **16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b><u>NFPA</u></b>	<b>Health hazards -</b>	<b>Flammability -</b>	<b>Instability -</b>	<b>Physical and chemical properties -</b>
<b><u>HMIS</u></b>	<b>Health hazards -</b>	<b>Flammability -</b>	<b>Physical hazards -</b>	<b>Personal protection -</b>

**Issuing Date** 22-Feb-2019

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**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 a 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.

**End of Safety Data Sheet**

