



# Safety Data Sheet

Prepared according to GHS

## 1. Identification

<b>Product Name</b>	<b>ARGuard Full Synthetic Engine Oil Series</b>
<b>Product Code(s)</b>	<b>7550, 7551, 7552, 7553</b>
<b>Recommended Use</b>	<b>Engine Oil</b>
<b>Company</b>	Pinnacle Oil Holdings, LLC 8175-B Alison Ave. Indianapolis, IN 46268 msds@amref.com
<b>Emergency Telephone Number(s)</b>	Chemtrec 1-800-424-9300 (24 HRS) ARG: 814-368-1297 (24 HRS)

## 2. Hazards Identification

<b>GHS Classification</b>	This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>Signal Word</b>	Not applicable
<b>Hazard Statements</b>	Not applicable
<b>Other Hazard Information</b>	Not applicable
<b>GHS Pictogram</b>	Not applicable
<b>Precautionary Statements</b>	Not applicable

## 3. Composition / Information on Ingredients

CAS No.	Common Name	Percent
64742-71-8	Paraffin oils(petroleum, Catalyst dewaxed light)	1-5%

## 4. First Aid Measures

<b>Eyes</b>	Check for and remove any contact lenses. Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.
<b>Skin</b>	In case of contact, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

#### 4. First Aid Measures

**Inhalation**

Move exposed person to fresh air. Get medical attention if irritation develops.

**Ingestion**

First aid is normally not required. Get medical attention if discomfort develops.

**Note to Physicians**

No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

#### 5. Fire Fighting Measures

**Suitable Extinguishing Media**

Use dry chemical, CO<sub>2</sub>, water spray (FOG) or foam

**Unsuitable Extinguishing Media**

Avoid solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from Chemical**

Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

**Protective Equipment and Precautions for Firefighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

#### 6. Accidental Release Measures

**Personal Precautions**

Put on appropriate personal protective equipment.

**Environmental Precautions**

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for Containment**

Stop leak if without risk.

**Methods for Cleanup**

Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container

#### 7. Handling and Storage

**Handling Procedures**

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

**Shipping and Storing Procedures**

Keep container tightly closed in a dry place. Keep away from heat. Protect from light. Keep in properly labeled containers. Keep out of the reach of children.

**Incompatibilities:**

Oxidizing Agents

#### 8. Exposure Controls / Personal Protection

**Component Exposure Limits\***

**8. Exposure Controls / Personal Protection**

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Paraffin oils (petroleum), catalytic dewaxed light	ACGIH TLV (United States, 3/2017). TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction OSHA PEL (United States, 6/2016). TWA: 5 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2016). TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist

Canada

Occupational exposure limits

Ingredient name	Exposure limits
Paraffin oils (petroleum), catalytic dewaxed light	CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 5 mg/m <sup>3</sup> 8 hours. Form: Mist 15 min OEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist CA Quebec Provincial (Canada, 1/2014). TWAEV: 5 mg/m <sup>3</sup> 8 hours. Form: Mist STEV: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist

**Engineering Controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Eye/Face Protection**

Safety glasses

**Skin Protection**

Normal work gloves are appropriate

**Respiratory Protection**

No special requirements under ordinary conditions of use and with adequate ventilation.

**General Hygiene**

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. Appropriate techniques should be used to remove potentially contaminated clothing.

**9. Physical and Chemical Properties**

*Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Please see the Product Specification Sheet for further information.*

<b>Appearance</b>	Amber	<b>Flammability</b>	Not available
<b>Physical State</b>	Liquid	<b>Upper/Lower Flammability Limits</b>	Not available
<b>Odor</b>	Mild	<b>Vapor Pressure (kPa at 20°C)</b>	0
<b>Odor Threshold</b>	Not available	<b>Vapor Density</b>	Not available
<b>pH</b>	Not available	<b>Relative Density (lbs/gal)</b>	7.04-7.05
<b>Melting/Freezing Point (°F)</b>	Not available	<b>Water Soluble</b>	No
<b>Initial Boiling Point (°F)</b>	Not available	<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Boiling Range (°F)</b>	Not available	<b>Auto-ignition Temperature (°F)</b>	Not available
<b>Flash Point (°F)</b>	356-401	<b>Decomposition Temperature (°F)</b>	Not available

9. Physical and Chemical Properties			
Evaporation Rate	Not available	Viscosity (40°C mm <sup>2</sup> /s)	>45

10. Chemical Stability & Reactivity Information
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<b>Reactivity</b>	Polymerization will not occur
<b>Chemical Stability</b>	Stable under normal conditions
<b>Hazardous Reactions</b>	None, under normal processing.
<b>Conditions to Avoid</b>	High temperatures
<b>Incompatibility</b>	Strong acids and oxidizing materials
<b>Hazardous Decomposition Products</b>	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

11. Toxicological Information
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<b>Acute Exposure</b>	
<b>Respiratory Irritation</b>	Not expected to pose respiratory irritation. An inhalation hazard may only arise if product is aerosolized or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract. Based on data from similar materials.
<b>Eye Irritation</b>	Not expected to cause irritation under normal use.
<b>Skin Irritation</b>	Not expected to cause irritation under normal use.
<b>Sensitization</b>	Not expected to cause skin or respiratory sensitization.
<b>Aspiration Hazards</b>	Not expected to pose an aspiration hazard if swallowed.

<b>Chronic Exposure</b>	
<b>Target Organ Effects</b>	No data available to indicate product or components at greater than 1% are chronic health hazards.
<b>Carcinogenicity</b>	No data available to indicate product or any components present at greater than .1% are carcinogenic.
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.
<b>Reproductive Toxicity</b>	No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity.
<b>Teratogenicity</b>	No data available to indicate product or any components contained at greater than .1% may cause birth defects.

**Component Analysis – LD50 / LC50**

<b>Inhalation LC50 Rat</b>	>20 mg/L 4h
<b>Oral LD50 Rat</b>	>5000 mg/kg
<b>Dermal LD50 Rabbit</b>	>2000 mg/kg

12. Ecological Information
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**Component Analysis- Ecotoxicity – Aquatic Life**

**12. Ecological Information**

**Duration/Test/Species**

96 Hr LC50

Pimephales promelas

**Concentration/Conditions**

Not available mg/L

<b>Persistence &amp; Degradability</b>	Not determined
<b>Bioaccumulation Potential</b>	Not determined
<b>Soil Mobility</b>	Not determined
<b>Other Adverse Effects</b>	Not determined

**13. Disposal Considerations**

**Disposal Instructions**

The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

**14. Transportation Information**

<b>Emergency Response Guide No.</b>	171		<i>North American Emergency Response Guide Book</i>	
	UN Number	Shipping Name (technical name)	Hazard Class	Packing Group
<b>U.S. DOT Bulk</b>		Not Regulated		
<b>U.S. DOT Non-Bulk</b>		Not Regulated		
<b>IATA</b>		Not Regulated		
<b>IMDG</b>		Not Regulated		

**15. Regulatory Information**

**SARA Extremely Hazardous Substances (Sections 302 & 304)**

This product does not contain greater than 1% of any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B. This product does not contain greater than 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**SARA Section 313**

