

## Material Safety Data Sheet

NFPA
Health: 0
Flammability: 1
Reactivity: 0
NPCA-HMIS
Health: 1
Flammability: 1
Reactivity: 0
These ratings should be used only as part of a fully implemented H.M.I.S

### Section I - Product Identification

<b>Trade Name and Synonyms</b> <b>AEON PL-LTM &amp; AEON PL-HTM</b>	<b>Part Numbers:</b> 28H124, 28H125, 28H126, 28H127, 28H128, 28H129	Health Emergency Phone Number <b>(217) 222-5400</b> <b>Safety Department</b>
<b>Manufacturer's Name</b> Gardner Denver, Inc.		
<b>Address</b> 1800 Gardner Expressway - Quincy, IL 62301		Transport Emergency Phone Number <b>(800) 441-3637 (CHEMTREC)</b>
<b>Product Identification</b> Industrial Pump Lubricant		
<b>Chemical Names and Synonyms</b> Petroleum Hydrocarbon	<b>Use or Description</b> Gear Oil	

### Section II - Components and Hazard Statement

Components Material	CAS Number	%
Highly Solvent - Refined Base Oils		>80
Olefin Sulfide	72162-26-6	0-5
Proprietary Additives		<15
If oil mist is generated, exposure limits apply.		
FDA Statement:		

### Section III - Safe Handling and Storage

<b>Handling (Personnel):</b> Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash contaminated clothing prior to reuse.
<b>Handling (Physical Aspects):</b> Close container after each use. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near full or empty container. Empty container retains residue (liquid and/or vapor) and may explode in heat of a fire.
<b>Storage:</b> Store in accordance with National Fire Protection Association recommendations. Store away from heat, sparks, flames, and oxidizers.

### Section IV - Physical Data

<b>Appearance:</b>	Viscous Liquid, Dark Brown	<b>Density:</b>	7.44-7.62 lb/gal @ 60°F (16°C)
<b>Odor:</b>	Mild Petro. Hydrocarbon	<b>Solubility in Water:</b>	Insoluble
<b>Boiling Point:</b>	750-1200°F (399-649°C)	<b>Specific Gravity:</b>	0.89-0.91 @ 60°F (16°C)
<b>Vapor Pressure:</b>	Nil	<b>Volatiles %:</b>	Nil
<b>Vapor Density:</b>	>1 (Air = 1)	<b>Evaporation Rate:</b>	Nil

NA=Not Applicable

NE=Not Established

D=Decomposes

### Section V - Fire and Explosion Hazard Data

<b>Flash Point (by Cleveland Open Cup):</b> 210°C (410°F) (80W-90, Typical) and 204°C (399°F) (85W-140, Typical)
<b>Extinguishing Media:</b> Water Spray, Foam, Dry Chemical, CO <sub>2</sub>
<b>Special Fire Fighting Techniques:</b> Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.
<b>Unusual Fire and Explosion Hazards:</b> None
<b>HMIS Ratings:</b> Health: 1      Flammability: 1      Reactivity: 0 <b>NFPA Ratings:</b> Class IIIB Combustible Liquid

## Section VI - Reactivity Data

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> Avoid Heat, Sparks, and Flame
<b>Incompatible Materials:</b> Strong oxidizing materials.	
<b>Decomposition:</b> Normal combustion forms carbon dioxide; incomplete combustion may produce carbon monoxide. Odorous and toxic fumes may form if stored at temperatures above 113°F (45°C) for extended periods of time or if heat sources above 250°F (121°C) are used.	
<b>Polymerization:</b> Will not occur.	

## Section VII - Health Hazard Data

<b>Potential Health Effects:</b> Primary routes of entry: skin, inhalation  The product, as with many petroleum products, may cause minor skin, eye, and lung irritation, but good hygienic practices can minimize these effects.  Normal use of this product does not result in generation of an oil mist. However, if an oil mist is generated, overexposure can cause minor and reversible irritation to the eyes, skin, and especially the lungs. Proper personal protective equipment and sufficient ventilation can provide adequate protection.							
<b>Carcinogenicity Information:</b> None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.							
<b>Applicable Exposure Limits: If oil mist is generated, exposure limits apply.</b> <table border="0"> <tr> <td>PEL (OSHA)</td> <td>5 mg/m3, 8 Hr. TWA</td> </tr> <tr> <td>TLV (ACGIH)</td> <td>5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3 Notice of Intended Changes (1996)</td> </tr> <tr> <td>AEL (DuPont)*</td> <td>5 mg/m3, 8 Hr. TWA, (As sampled by method that does not collect vapors.) 5 mg/m3, 8 Hr. TWA</td> </tr> </table> (*AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.)		PEL (OSHA)	5 mg/m3, 8 Hr. TWA	TLV (ACGIH)	5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3 Notice of Intended Changes (1996)	AEL (DuPont)*	5 mg/m3, 8 Hr. TWA, (As sampled by method that does not collect vapors.) 5 mg/m3, 8 Hr. TWA
PEL (OSHA)	5 mg/m3, 8 Hr. TWA						
TLV (ACGIH)	5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3 Notice of Intended Changes (1996)						
AEL (DuPont)*	5 mg/m3, 8 Hr. TWA, (As sampled by method that does not collect vapors.) 5 mg/m3, 8 Hr. TWA						
<b>First Aid Procedures:</b>							
Ingestion:	Material poses an aspiration hazard. If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration.						
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.						
Skin Contact:	Wash skin thoroughly with soap and water after handling. If irritation develops and persists, consult a physician.						
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.						
Notes to Physician: Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 ml water and mix thoroughly. Administer 5 ml/kg, or 350 ml for an average adult.							

## Section VIII - Personal Protection Information

<b>Respiratory Protection:</b> None normally required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Select appropriate NIOSH-approved respiratory protection where necessary to maintain exposures below acceptable limits. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure and published respirator protection factors.	
<b>Ventilation:</b> Normal shop ventilation.	
<b>Protective Gloves:</b> Should be worn when the potential exists for prolonged or repeated skin contact. NBR or Neoprene recommended.	
<b>Eye/Face Protection:</b> Safety glasses with side shields if splashing is probable.	
<b>Other Protective Equipment:</b> Coveralls with long sleeves if splashing is probable. Launder contaminated clothing before reuse.	

## Section IX - Toxicological Information

### Animal Data:

Mouse skin painting studies have shown that highly solvent-refined petroleum distillates similar to ingredients in this product have not caused skin tumors. Animal studies have shown that a component of this product can cause skin sensitization.

## Section X - Ecological Information

### Ecotoxicological Information:

No specific aquatic data available for this product.

## Section XI - Spill or Leak Procedure

### Safeguards (Personnel):

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with cleanup. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up. Remove source of heat, sparks, and flame.

### In Case of Spill:

Dike spill. Prevent material from entering sewers, waterways, or low areas. Recover free liquid for reuse or reclamation. Soak up with sawdust, sand, oil dry, or other absorbent material.

## Section XII - Waste Disposal Methods

### Waste Disposal:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

### Container Disposal:

Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner.

## Section XIII - Transportation Information

### Shipping Information:

DOT - Not regulated.  
ICAO/IMO - Not restricted.

## Section XIV - Regulatory Information

### U.S. Federal Regulations:

**OSHA Hazard Determination** - Under normal conditions of use, this material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

**CERCLA/SUPERFUND** - Not applicable; this material is covered by the CERCLA petroleum exclusion.

**SARA, Title III, 302/304** - This material is not known to contain extremely hazardous substances.

### Title III Hazard Classifications Sections 311, 312:

Acute:	No	Reactivity:	No	Fire:	No
Chronic:	No	Pressure:	No		

**SARA, Title III, 313** - This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

**TSCA** - Material and/or components are listed in the TSCA Inventory of Chemical Substances (40 CFR 710).

**RCRA** - This material has been evaluated for RCRA characteristics and does not meet hazardous waste criteria if discarded in its purchased form. Because of product use, transformation, mixing, processing, etc., which may render the resulting material hazardous, it is the product user's responsibility to determine at the time of disposal whether the material meets RCRA hazardous waste criteria.

**Clean Water Act** - The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and, therefore, reportable to the National Response Center (1-800-424-8802).

**Ingredients** - Petroleum Hydrocarbons.

Reportable Quantities: Film or sheen upon, or discoloration of, any water surface.

## Section XIV - Regulatory Information (con't)

### State Regulations (U.S.):

**California APROP 65@** - This material contains ingredient(s) known to the State of California to cause cancer, birth defects, or other reproductive harm. Read and follow all label directions.

**Ingredients** - Cadmium @ <0.01%  
Lead @ <0.01%  
Arsenic @ <0.01%  
Ethyl acrylate (CAS# 140-88-5) @ <0.01%

**Pennsylvania Worker & Community Right to Know Act** - Ingredients subject to Act: None

### Canadian Regulations:

This is not a WHMIS Controlled Product.  
Transport/Medical Emergency Phone Number: 1-613-348-3616

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.