

# Gardner Denver

Material Safety Data Sheet  
AEON PD

Gardner Denver  
1800 Gardner Expressway,  
Quincy, IL 62301  
United States of America  
Ph: 217-222-5400

Prepared according to 29CFR 1910.1200.

<b>1</b>	<b>Chemical Product and Company Identification</b>
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<b>Product Trade Name</b>	AEON PD
<b>CAS Number</b>	Not applicable for mixtures.
<b>Synonyms</b>	None.
<b>Generic Chemical Name</b>	Mixture.
<b>Product Type</b>	Multipurpose.
<b>Preparation/Revision Date</b>	20 December 2010
<b>Transportation Emergency Phone No.</b>	217-222-5400

<b>2</b>	<b>Hazards Identification</b>
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<b>Appearance</b>	Blue liquid.
<b>Odor</b>	Mild
<b>Principal Hazards</b>	Caution. <ul style="list-style-type: none"> <li>• May cause eye irritation.</li> </ul>

See Section 11 for complete health hazard information.

<b>3</b>	<b>Composition/Information on Ingredients</b>
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<b>Hazardous Ingredients</b>	This material contains no ingredients requiring disclosure under regulatory hazard criteria for this jurisdiction. See Section 11 for additional details.
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<b>4</b>	<b>First Aid Measures</b>
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<b>Eyes</b>	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.
<b>Skin</b>	Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
<b>Inhalation</b>	Remove exposed person to fresh air if adverse effects are observed.
<b>Oral</b>	DO NOT INDUCE VOMITING. Get immediate medical attention.
<b>Additional Information</b>	Note to physician: Treat symptomatically.

<b>5</b>	<b>Fire Fighting Measures</b>
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<b>Flash Point</b>	232 °C, 450 °F ASTM D 92 (Typical)
<b>Extinguishing Media</b>	CO <sub>2</sub> , dry chemical, or foam. Water can be used to cool and protect exposed material.
<b>Firefighting Procedures</b>	Recommend wearing self-contained breathing apparatus. Water may cause splattering. Use water to cool containers exposed to fire.
<b>Unusual Fire &amp; Explosion Hazards</b>	See section 10 for additional information.

<b>6</b>	<b>Accidental Release Measures</b>
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# AEON PD

## Spill Procedures

Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

<b>7</b>	<b>Handling and Storage</b>
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<b>Pumping Temperature</b>	Not determined.
<b>Maximum Handling Temperature</b>	Not determined.
<b>Handling Procedures</b>	Keep material away from heat, sparks, pilot lights, static electricity and open flame. Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.
<b>Maximum Storage Temperature</b>	Not determined.
<b>Storage Procedures</b>	Where insulation of tankage and equipment is required, it is recommended that closed-cell foam insulation be used to minimize a potential autoignition hazard. See section 10 for incompatible materials.
<b>Loading Temperature</b>	Not determined.

<b>8</b>	<b>Exposure Controls/Personal Protection</b>
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<b>Exposure Limits</b>	None established
<b>Other Exposure Limits</b>	Contains synthetic basestock. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter for mineral oil mists.
<b>Engineering Controls</b>	Use with adequate ventilation.
<b>Gloves Procedures</b>	Neoprene. Polyvinyl alcohol. Note: polyvinyl alcohol gloves are water soluble and should not be used when there is potential for water contact.
<b>Eye Protection</b>	Safety Glasses.
<b>Respiratory Protection</b>	Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
<b>Clothing Recommendation</b>	Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

<b>9</b>	<b>Physical and Chemical Properties</b>
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<b>Flash Point</b>	232 °C, 450 °F ASTM D 92 (Typical)
<b>Upper Flammable Limit</b>	Not determined.
<b>Lower Flammable Limit</b>	Not determined.
<b>Autoignition Point</b>	Not determined.
<b>Explosion Data</b>	Material does not have explosive properties.
<b>Vapor Pressure</b>	Not determined.
<b>pH</b>	Not determined.
<b>Specific Gravity</b>	0.86 (20 °C)
<b>Bulk Density</b>	Not determined.
<b>Water Solubility</b>	Insoluble.
<b>Percent Solid</b>	Not determined.
<b>Percent Volatile</b>	Not determined.
<b>Volatile Organic Compound</b>	Not determined.
<b>Vapor Density</b>	Not determined.
<b>Evaporation Rate</b>	Not determined.
<b>Odor</b>	Mild
<b>Appearance</b>	Blue liquid.
<b>Viscosity</b>	Not determined.
<b>Odor Threshold</b>	Not determined.
<b>Boiling Point</b>	Not determined.
<b>Pour Point Temperature</b>	Not determined.
<b>Melting / Freezing Point</b>	Not determined.

*The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.*

<b>10</b>	<b>Stability and Reactivity</b>
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<b>Stability</b>	Material is normally stable at moderately elevated temperatures and pressures.
<b>Decomposition Temperature</b>	Not determined.
<b>Incompatibility</b>	Strong acids. Strong bases. Strong oxidizing agents.
<b>Polymerization</b>	Will not occur.

**AEON PD****Thermal Decomposition**  
**Conditions to Avoid**Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.  
Not determined.**11 Toxicological Information****– ACUTE EXPOSURE –**

**Eye Irritation** May cause eye irritation. Does not meet Canadian D2B or EU R36 criteria. Based on data from components or similar materials.

**Skin Irritation** Not expected to be a primary skin irritant. Based on data from components or similar materials. 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.

**Respiratory Irritation** If product is heated or a mist is generated, it may cause irritation of the upper respiratory tract.

**Dermal Toxicity** The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.

**Inhalation Toxicity** The LC50 (1 hr.) in rats for vapors of this material is > 200 mg/l. Based on data from components or similar materials.

**Oral Toxicity** The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials.

**Dermal Sensitization** No data available to indicate product or components may be a skin sensitizer.

**Inhalation Sensitization** No data available to indicate product or components may be respiratory sensitizers.

**– CHRONIC EXPOSURE –**

**Chronic Toxicity** No data available to indicate product or components present at greater than 1% are chronic health hazards.

**Carcinogenicity** This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

**Mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Reproductive Toxicity** No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

**Teratogenicity** No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

**– ADDITIONAL INFORMATION –****Other** No other health hazards known.**12 Ecological Information****– ENVIRONMENTAL TOXICITY –**

**Freshwater Fish Toxicity** Not determined.

**Freshwater Invertebrates Toxicity** Not determined.

**Algal Inhibition** Not determined.

**Saltwater Fish Toxicity** Not determined.

**Saltwater Invertebrates Toxicity** Not determined.

**Bacteria Toxicity** Not determined.

**Miscellaneous Toxicity** Not determined.

**– ENVIRONMENTAL FATE –**

**Biodegradation** At least 25% of the components in this product show limited biodegradation based on OECD 301-type test data. At least 25% of the components in this product show limited biodegradation based on OECD 302-type test data.

**Bioaccumulation** 1 - 10% of the components potentially bioconcentrate, based on octanol/water coefficients.

**Soil Mobility** Not determined.

**13 Disposal Considerations****Waste Disposal** This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.**14 Transport Information**

**ICAO/IATA I** Not regulated.

**ICAO/IATA II** Not regulated.

**IMDG** Not regulated.

**IMDG EMS Fire** Not applicable.

**IMDG EMS Spill** Not applicable.

**IMDG MFAG** Not applicable.

**MARPOL Annex II** Not determined.

**USCG Compatibility** Not determined.

**U.S. DOT Bulk** Not regulated.

**AEON PD**

<b>DOT NAERG</b>	Not applicable.
<b>U.S. DOT (Intermediate)</b>	Not regulated.
<b>U.S. DOT Intermediate NAERG</b>	Not applicable.
<b>U.S. DOT Non-Bulk</b>	Not regulated.
<b>U.S. DOT Non-Bulk NAERG</b>	Not applicable.
<b>Canada</b>	Not regulated.
<b>Mexico</b>	Not regulated.
<b>Bulk Quantity</b>	85000 KG, 187391 lbs.
<b>Intermediate Quantity</b>	11000 KG, 24251 lbs.
<b>Non-Bulk Quantity</b>	400 KG, 882 lbs.

*Review classification requirements before shipping materials at elevated temperatures.*

<b>15</b>	<b>Regulatory Information</b>
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**– Global Chemical Inventories –**

<b>USA</b>	All components of this material are on the US TSCA Inventory or are exempt.
<b>Other TSCA Reg.</b>	None known.
<b>EU</b>	All components comply with the EU 7th Amendment and are approved for EU sales. Lubrizol must maintain records of all imports of this product into the EU. Third party importers are asked to report every import to The Lubrizol PSCD Manager (Europe), Hazelwood, Derby DE56 1QN, UK.
<b>Japan</b>	All components are in compliance with the Chemical Substances Control Law of Japan.
<b>Australia</b>	All components are in compliance with chemical notification requirements in Australia.
<b>New Zealand</b>	All components are in compliance with chemical notification requirements in New Zealand.
<b>Canada</b>	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.
<b>Switzerland</b>	All components are in compliance with the Environmentally Hazardous Substance Ordinance in Switzerland. Lubrizol must maintain records of all imports of this product into Switzerland. Third party importers are asked to report every import to The Lubrizol PSCD Manager (Europe), Hazelwood, Derby DE56 1QN, UK.
<b>Korea</b>	All components are in compliance in Korea.
<b>Philippines</b>	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
<b>China</b>	All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**– Other U.S. Federal Regulations –**

<b>SARA Ext. Haz. Subst.</b>	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.								
<b>SARA Section 313</b>	This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.								
<b>SARA 311 Classifications</b>	<table border="1" style="width: 100%;"> <tr> <td>Acute Hazard</td> <td>No</td> </tr> <tr> <td>Chronic Hazard</td> <td>No</td> </tr> <tr> <td>Fire Hazard</td> <td>No</td> </tr> <tr> <td>Reactivity Hazard</td> <td>No</td> </tr> </table>	Acute Hazard	No	Chronic Hazard	No	Fire Hazard	No	Reactivity Hazard	No
Acute Hazard	No								
Chronic Hazard	No								
Fire Hazard	No								
Reactivity Hazard	No								
<b>CERCLA Hazardous Substances</b>	None known.								

**– State Regulations –**

<b>Cal. Prop. 65</b>	This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.
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**– Product Registrations –**

<b>U.S. Fuel Registration</b>	Not applicable.
<b>Finnish Registration Number</b>	Not Registered
<b>Swedish Registration Number</b>	Not Registered
<b>Norwegian Registration Number</b>	Not Registered
<b>Danish Registration Number</b>	Not Registered
<b>Swiss Registration Number</b>	Not Registered
<b>Italian Registration Number</b>	Not Registered

**– Other / International –**

<b>Miscellaneous Regulatory Information</b>	Not determined.
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<b>16</b>	<b>Other Information</b>
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**AEON PD**  
**US NFPA Codes**

Health	Fire	Reactivity	Special
1	1	0	N/E

(N/E) - None established

**HMIS Codes**

Health	Fire	Reactivity
0	1	0

**Precautionary Labels**

Caution.

- May cause eye irritation.

**Revision Indicators**

Section: 4 Additional first aid measures.	Changed: 20 December 2010
Section: 4 Inhalation first aid.	Changed: 20 December 2010
Section: 4 Oral first aid.	Changed: 20 December 2010
Section: 4 Skin first aid.	Changed: 20 December 2010
Section: 5 Flash point.	Changed: 20 December 2010
Section: 5 Flash point.	Changed: 20 December 2010
Section: 5 Flash point.	Changed: 20 December 2010
Section: 5 Unusual fire& explosion hazards.	Changed: 20 December 2010
Section: 6 Spill procedures.	Changed: 20 December 2010
Section: 7 Handling procedures.	Changed: 20 December 2010
Section: 7 Storage procedures.	Changed: 20 December 2010
Section: 8 Clothing recommendations.	Changed: 20 December 2010
Section: 8 Ventilation procedures.	Changed: 20 December 2010
Section: 9 Flash point.	Changed: 20 December 2010
Section: 9 Flash point.	Changed: 20 December 2010
Section: 9 Flash point.	Changed: 20 December 2010
Section: 10 Polymerization.	Changed: 20 December 2010
Section: 11 Chronic toxicity.	Changed: 20 December 2010
Section: 11 Mutagenicity.	Changed: 20 December 2010
Section: 11 Other.	Changed: 20 December 2010
Section: 11 Reproductive toxicity.	Changed: 20 December 2010
Section: 11 Teratogenicity.	Changed: 20 December 2010
Section: 13 Waste disposal.	Changed: 20 December 2010