

**Gardner
Denver**

9-3-1.01
3rd Edition

Material Safety Data Sheet

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

Section I - Product Identification **PART# 28H54**

Trade Name and Synonyms AEON 9000SP	Part Numbers: 28H109, 28H110, 28H254, 28H117	Health Emergency Phone Number (217) 222-5400 Safety Department
Manufacturer's Name Gardner Denver, Inc.		
Address 1800 Gardner Expressway - Quincy, IL 62301		Transport Emergency Phone Number (800) 424-9300 (CHEMTREC)
Product Identification Rotary Screw Compressor Lubricant and Coolant		
Chemical Names and Synonyms Synthetic Hydrocarbon/Carboxylic Acid Type Ester		

Section II - Transportation (NR - Not Regulated by TDG)

UN Number: NR	Primary Classification: NR	Subsidiary Classification: NF	Compatibility Groups: NR
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Section III - Composition

COMPONENTS	ALLOWABLE LIMITS (8 Hr.)	% (Vol.)	CAS #
Synthetic Hydrocarbon/MFSE	5 mg/m ³	>98	68037-01-4 (PAO)
Defoamer, Antioxidants, Rust Inhibitors, Dye	N/A	<2	N/A

Section IV - Physical Data

Density (at 15°C):	0.86 kg/L	Boiling Point/Range (at 1 atm):	>300°F
Vapor Pressure (at 20°C):	<1.0 mmHg	Percent Volatile (at 20°C)	0%
Vapor Density (at 20°C):	N/A	Evaporation Rate:	N/A
Solubility in Water:	Insoluble	Pour Point:	-65°F (-54°C)

Section V - Fire and Explosion Hazard Data

Flash Point (method used = COC): 500°F (260°C) (minimum)	Flammable Limits in Air (% by volume): N/A
Extinguishing Media: Dry chemical; CO ₂ foam, water spray, carbon dioxide for small fires.	Autoignition Temperature: >670°F (>354°C)
Fire and Explosion Hazards: Addition of water or foam to burning liquid may cause frothing. Do not cut, drill, or weld empty containers.	
Fire Fighting Techniques: LOW FIRE HAZARD. Contain spill. Cover with extinguishing agent. Use water spray to cool fire-exposed containers and as a protective screen. Do not point solid water stream directly into burning oil to avoid spreading.	

Section VI - Health Hazard Information

Toxicity Data:	* Estimated acute LD ₅₀ >5000 mg/kg (rat. Oral); practically non-toxic. Severely hydrotreated base oils are negative when tested by the modified Ames test.
Effects of Overexposure:	
Inhalation:	Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.
Skin and eyes:	Mildly irritating to eyes. Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.
Ingestion:	Consult physician at once. DO NOT INDUCE VOMITING. May cause nausea and diarrhea.

* Based on toxicity of severely hydrotreated paraffinic oil only.

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Emergency and First Aid Procedure Information:	
Skin:	Remove contaminated clothing - launder before reuse. Soap and water wash. Discard saturated leather articles.
Eyes:	Copious warm water flush - 15 minutes. Physician assessment if eyes inflamed.
Inhalation:	Evacuate to fresh air. Apply Cardiopulmonary Resuscitation if required. Administer oxygen if available. If resuscitation is required, physician assessment mandatory.
Ingestion:	DO NOT INDUCE VOMITING. Force fluids. Activated charcoal tablets.
Notes to Physician:	Gastric lavage should only be done after endotracheal intubation in view of the risk of aspiration which can cause serious chemical pneumonitis for which antibiotic and corticosteroid therapy may be indicated.

Section VII - Reactivity Data

Stability: Stable	Conditions to Avoid: Excessive Heat
Materials to Avoid: Strong Oxidizing Agents (peroxides, chlorine, strong acids, etc.)	
Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned.	
Hazardous Polymerization: Will not occur.	

Section VIII - Spill or Leak Procedure

Steps to be Taken If Material is Released or Spilled: Contain spill. Absorb with inert absorbent such as dry clay, sand, or diatomaceous earth, commercial sorbents, or recover using pumps. Scoop up used absorbent and rags into drums.
Waste Disposal Method: Dispose in approved landfill site or licensed waste reclaimer facility.

Section IX - Special Protection Information

Ventilation:	General ventilation.
Respirator Protection:	Use in well ventilated area.
Protective Gloves:	Not required, but recommended, especially for prolonged exposure.
Eye Protection:	None normally required: chemical goggles if splashing likely or high-pressure system used.
Other Protective Clothing:	Oil-resistant clothing if direct contact with liquid likely.

Section X - Special Precautions

Store in cool, well-ventilated area. Wash hands after handling and before eating. Avoid inhalation and skin contact. Launder work clothes frequently. Discard saturated leather articles.

NOTE: Not a controlled product under Canadian WHMIS Hazard Criteria; as specified in Controlled Product Regulation.

AEON Lubricants are not formulated to contain PCBS.

Prepared by the Product Specialist, Aftermarket
January 2005