



**D-1105
DIESTER-BASED COMPRESSOR LUBRICANT**

1. PRODUCT AND COMPANY IDENTIFICATION	
Product Name	D-1105
Company	airandvac.com 1954 Friendship Drive, Suite 103 El Cajon, CA 92020 Phone: (619) 562-3060 Fax: (619) 562-3145
Emergency Number	airandvac.com: 1-800-743-8280
2. HAZARDS IDENTIFICATION	
Appearance: Amber	Physical State: Liquid Odor: Mild
OSHA Regulatory Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
<u>Potential Health Effects</u>	
Principal Routes of Exposure	Skin contact, Eye contact.
Acute Toxicity: Eyes, Skin, Inhalations, Ingestion	No known significant effects or critical hazards.
Chronic Effects	No known effect.
Aggravated Medical Conditions	None known.
Interactions with Other Chemical	None known.
Environmental Hazard	No information available
3. COMPOSITION/ INFORMATION ON INGREDIENTS	
Chemical Family	Diester
4. FIRST AID MEASURES	
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off with plenty of water. In case of skin irritation or allergic reactions see a physician.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.
Protection of First-aiders	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
Interactions with Other Chemicals	None known.

5. FIRE-FIGHTING MEASURES			
Flash Point	260°C /500°F		
Suitable Extinguishing Media	Dry chemical, CO ₂ , water spray or regular foam.		
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.		
NFPA	Health: 0	Flammability: 1	Stability: 0

6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Evacuate personnel to safe areas. Use personal protective equipment.
Methods for Containment	Dike for disposal and cover with wet sand or earth.
Methods for Clean up	Prevent product from entering drains. Use a non-combustible material like vermiculite, sand or earth to soak up product and place in a container for later disposal.

7. HANDLING AND STORAGE	
Handling	Handle in accordance with good industrial hygiene and safety practice.
Storage	Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Engineering Measures	None under normal use conditions.		
Personal Protective Equipment	Eye/Face Protection: Safety glasses with side shields Skin and Body: Wear protective gloves/clothing Respiratory: No special protective equipment required.		
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aniline	TWA: 2 ppm	TWA: 19 mg/m ³ , 5 ppm	100 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Amber	Odor	Mild
Physical State	Liquid	Flash Point	260°C /500°F
Specific Gravity	0.95	Weight per Gallon	7.92
Viscosity @ 40°C	99 cSt		

10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions.
Incompatible Products	Incompatible with oxidizing agents.
Conditions to avoid	None Known.
Hazardous Decomposition Products	None under normal use.
Hazardous Reactions	None under normal use.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION			
Acute Toxicity	Product is safe for intended use based on the formulation, testing results and the long history of safe consumer use.		
Carcinogenicity	ACGIH – A3 - Aniline		
Endocrine Disruptor	Not available		
Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
N-Phenyl-beta-naphthylamine	9,000 mg/kg (Rat)		
Aniline	250 mg/kg (Rat)	1400 mg/kg (Rat)	

12. ECOLOGICAL INFORMATION				
Ecotoxicity	The environmental impact of this product has not been fully investigated. However, at the concentration present, this preparation is not expected to present significant adverse environmental effects			
Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea
Aniline		LC50 = 75.5 mg/L 96 h	EC50 = 425 mg/L 5 min	

13. DISPOSAL CONSIDERATIONS	
Waste Disposal Method	Dispose of contents/container in accordance with local regulations.
This product contains one or more substances that are listed with the State of California as a hazardous waste – Aniline	

14. TRANSPORT INFORMATION					
DOT	Not Regulated	IATA	Not Regulated	IMDG/IMO	Not Regulated

15. REGULATORY INFORMATION							
International Inventories							
TSCA	Listed	DSL	Listed	EINECS/ELINCS	Listed	ENCS	Not Listed
IECSC	Listed	KECL	Listed	PICCS	Listed	AICS	Listed
U.S. Federal Regulations							
Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island		
SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 (SARA). This product does not contain any chemicals which are subject to the reporting of the Act and Title 40 of the Code of Federal Regulations, Part 372.							
SARA 311/312 Hazard Categories: None							
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).							
Clean Air Act, Section 112, Hazardous Air Pollutants (HAPs): This product contains no substances which are listed hazardous air pollutants (HAPs) under Section 112 of the Clean Air Act.							
U.S. State Regulations/ International Regulations							
California Proposition 65: This product contains a substance on the list of Proposition 65 chemicals.							
Mexico – Grade: No information available							

16. OTHER INFORMATION

NFPA



HMIS

Health Hazard	1
Fire Hazard	1
Reactivity	0

PPE



Eye protection



Gloves

Transport Symbol

Not Regulated

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Disclaimer: The information provided on the MSDS is a correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.