


**MATERIAL SAFETY
DATA SHEET
GA-4K**

Product Data: MSDS003
Page: 1 of 3
Effective: 1/1/94

Am-Line Air Compressor

HEALTH: 0
FLAMMABILITY: 1
REACTIVITY: 0



DATE:

I. PRODUCT IDENTIFICATION

Manufacturer/Supplier's Name: Atlas Copco Compressors Inc.
Street Address: 161 Lower Westfield Road, Holyoke, MA 01040
Manufacturer/Supplier's Phone No.: (413) 536-0600
Trade Name: Atlas Copco GA-4K
Other Names: None
Chemical Synonyms and Family: Petroleum Hydrocarbon

HMIS: H = 0 F = 1 R = 0 PP = B

II. COMPOSITION

Component	CAS #	% by Vol.	PEL (8 hr)
Severely Hydrotreated Paraffinic Oil (C ₂₃ -C ₃₅)	72623-87-1	> 98	5mg/m ³ (oil mist)
Acrylic Polymer, Defoamer, Antioxidants, Rust Inhibitors	N/A	< 1	N/A
*Organo-Zinc Additive	N/A	< 1	N/A
*Contains Zinc Dialkydithiophosphate (0.05% as Zinc)			

III. PHYSICAL DATA

Density (@ 15°C):	0.86 kg/l (approx.)	Boiling Point/Range (@ 1 atm):	380-490°C (approx.)
Vapor Press. (@ 37.8°C):	< 0.001 kPa (approx.)	Percent Volatile (@ 20°C):	0%
Solubility in Water:	Negligible	Viscosity (Kinematic):	35 cSt
Pour Point Enable:	-36°C	Appearance/Odor:	Pale yellow, viscous liquid with faint hydrocarbon odor.

IV. FIRE AND EXPLOSION DATA

Flammability Classification: **LOW FIRE HAZARD**
 Flammable Limits in Air (% vol.): N/A
 Flash Point (method used = COC): 198°C (minimum)
 Auto Ignition Temperature: > 355°C
 Extinguishing Media: Dry chemical or carbon dioxide for small fires. Water spray or foam for large fires.
 Fire and Explosion Hazards: Addition of water or foam may cause frothing. Do not cut, drill or weld empty containers.
 Fire Fighting Procedures: 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.

V. HEALTH HAZARD DATA

Threshold Limit Values: See Section II—Composition

Toxicity Data: *Estimated acute LD₅₀ > 5000 g/kg (rat, oral): Practically non-toxic. Severely hydrotreated base oils are negative when tested by the modified Ames Test.

Effects of Overexposure:

Inhalation: If sprayed or misted, may cause chemical pneumonitis.

Skin and Eyes: Mildly irritating to eyes. Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.

Ingestion: Low toxicity on ingestion. Has laxative effect.

Emergency and First Aid Procedures 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 cardio pulmonary resuscitation if required. Administer oxygen if available. If resuscitation is required, physician assessment mandatory.

Ingestion: DO NOT INDUCE VOMITING. Force fluids. Activated charcoal tablets.

*Based on toxicity of severely hydrotreated paraffinic oil only.

Note to Physician: Gastric lavage should only be done after endotracheal intubation in view of risk of aspiration which can cause serious chemical pneumonitis for which antibiotic and corticosteroid therapy may be indicated.

VI. REACTIVITY DATA

Stability (@ 15°C):

Stable

Conditions to Avoid (@ 1 atm):

Excessive heat, formation of oil mist

Incompatibility/Materials to Avoid:

Strong oxidizing agents (peroxides, chlorine, strong acids, etc.).

Hazardous Decomposition Products:

CO₂, NO_x, SO_x, H₂S, oxides of phosphorous and zinc; smoke on combustion.

Hazardous Polymerization:

Cannot occur.

VII. 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 absorbents and rags into drums.

Waste Disposal Method: Dispose in approved, SECURE contaminated waste landfill site or licensed waste reclaimer facility. Check with applicable jurisdictions for specific disposal requirements.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Normally not necessary. If mist generated by heating, spraying, etc. wear approved organic vapor respirator suitable for oil mist in areas with sufficient oxygen.

Ventilation: General ventilation.

Protective Gloves: For direct contact with hydrocarbons of more than 2 hours, Viton or Nitrile gloves are recommended. Otherwise, PVC gloves may be worn.

Eye Protection: None normally required; Chemical goggles if splashing likely or high pressure systems used.

Other Protective Clothing: Wear long sleeve clothing to minimize skin contact.

NR—Not Required

N/A—Not Applicable

U—Unknown

IX. SPECIAL PRECAUTIONS/TRANSPORTATION

Special Precautions:

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

Transportation:

UN Number:	NR	Primary Classification:	NR
Subsidiary Classification:	NR	Compatibility Groups:	NR

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