

<b>Product:</b>	<b>PAR OIL S</b>	<b>Page: 1/4</b>
<b>Product code: *</b>	<b>Edition: 3</b>	<b>Date: 14/09/2004</b>

### 1. Identification of the substance/preparation and company

Product name:	PAR OIL S
Product type:	Compressor lubricant
Supplier:	Atlas Copco Airpower N.V. – Portable Air Division
Address:	Ingberthoeveweg 7, 2630 Aartselaar - BELGIUM
Product safety guide:	lubricants
Emergency contact:	<b>Please contact the nearest Atlas Copco Customer Centre or for urgent matters the Medical Service of Atlas Copco Airpower in Belgium (+32 3 870 21 05</b>

### 2. Composition and information on ingredients

Preparation description:	Synthetic base stock. Proprietary performance additives.
Dangerous components/constituents:	This product does not contain any hazardous ingredients at or above regulated thresholds.

### 3. Hazards Identification

Physical/chemical Hazards:	Not classified as dangerous.
Human Health Hazards:	Not classified as dangerous.
Environmental hazards:	Unlikely to be harmful to aquatic organisms.
Effects and symptoms	
Eyes	No significant health hazards identified
Skin	No significant health hazards identified
Inhalation	No significant health hazards identified
Ingestion	No significant health hazards identified

### 4. First Aid Measures

Eye contact :	In case of contact , immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin contact :	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes, wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.
Inhalation:	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
Notes to physician:	Treatment should in general be symptomatic and directed to relieving any effects.

### 5. Fire Fighting Measures

Extinguishing Media:	
Suitable	In case of fire, use water fog, foam , dry chemical or CO2 extinguisher or spray.
Not suitable	Do not use water jet.
Hazardous decomposition products	These products are carbon oxides (CO,CO2)
Unusual fire/explosion hazards:	Poorly maintained compressors may be a potential fire and explosion hazard. Regular maintenance is essential.
Special fire-fighting procedures	None identified.

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## 6. Accidental Release Measures

Personal precautions:	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (see section 8). Follow all fire fighting procedures (see section 5)
Environmental precautions and	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste disposal information.
Personnal protection in case of a large spill	Splash goggles. Full suit. Boots. Gloves.

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## 7. Handling and storage

Handling:	Wash thoroughly after handling.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area.

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## 8. Exposure Controls/Personal Protection

Occupational exposure limits:	None assigned.
Control measures:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
Hygiene measures:	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of the day.
Respiratory system:	Use with adequate ventilation.
Skin and body:	Avoid contact with skin. Wear clothing and footwear that cannot be penetrated by chemicals or oil.
Hands:	Wear gloves that cannot be penetrated by chemicals or oil.
Eyes:	Safety glasses with side shields.
	Hand protection: Impermeable and hydrocarbon resistant gloves.

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### 9. Physical and Chemical Properties

Flash point:	255 °C (open cup)
Pour point:	- 50 °C
Colour:	Yellow
Odeur:	Slight.
Odeur threshold:	Not available.
Physical state:	Liquid.
Density:	834 kg/m <sup>3</sup> (0.8g/cm <sup>3</sup> ) at 15 °C
Solubility:	Insoluble in water
Viscosity:	kinematic: 44 mm <sup>2</sup> /s (44cSt) at 40 °C kinematic: 7.5mm <sup>2</sup> /s (7.5 cSt) at 100 °C

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### 10. Stability/reactivity

Incompatibility with various substances	Reactive with oxidizing agents.
Hazardous Polymerization	Will not occur.

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### 11. Toxicological information

Acute toxicity	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs. Unlikely to cause harm to skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea. At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. May be harmful by inhalation if exposure to vapour, mists or fumes resulting from thermal decomposition products occurs.
Chronic toxicity	No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH, the international Agency for research on Cancer

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### 12. Ecological information

Persistence/degradability	Inherently biodegradable
Mobility:	Spillages may penetrate the soil causing ground water contamination.
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
Environmental hazards	Unlikely to be harmful to aquatic organisms.
Other ecological information	Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

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### 13. Disposal Considerations

Disposal consideration / Waste information	Where possible , arrange for product to be recycled. Dispose of via an authorised person / licenced waste disposal contractor in accordance with local regulations.
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### 14. Transport Information

Not classified as hazardous for transport (ADR, RID, UN, IMO, IATA,/ICAO)

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## 15. Regulatory Information

### Label requirements

Risk Phrases

EU Regulations

This product is not classified according to the EU regulations.

Classification and labelling have been performed according to EU directives 1999/45/EC and 67/848/EEC as amended and adapted.

### Other regulations

Inventories

Australian inventory (AICS)

Canada inventory (DSL)

China inventory (IECS)

EC inventory (EINECS)

Japan inventory (ENCS)

Korea inventory (ECL)

Philippine inventory (PICCS)

US inventory (TSCA)

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## 16. Other Information

MSDS history:

Edition number 3

First issued: 12.12.96

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End of document.

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