

Issue Date 13-Mar-2013

Revision date 23-May-2013

Version 1

Section 1: Product and company identification**1.1. Product identifier**

Product code 510
Product name ATLAS COPCO OPTIMIZER AIR TOOL OIL
Danish PR no: -

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Lubricant.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Company Name Statoil Fuel & Retail Sweden AB,
Box 194, 149 22 Nynäshamn,
+46 8 429 60 00

Supplier Statoil Fuel & Retail Sweden AB,
Box 194, 149 22 Nynäshamn,
+46 8 429 60 00

For further information, please contact

Contact Point HSE Advisor
Email address BASP_MD_RD_HSEA@statoilfuelretail.com
Company Phone Number +46 8 429 60 00

1.4. Emergency telephone number

Emergency telephone - §45 - (EC)1272/2008	
Europe	112
Denmark	+45 82 12 12 12 (Poison Information)
Finland	+358 09 471 977 (Poison Information)
Norway	+47 22 59 13 00 (Poison Information)
Poland	+48 42 314 502 (Poison Information)
Sweden	+46 8 33 70 43 (Emergency Responce Center)
Estonia	+372 626 9390 (Poison Information)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification
Not dangerous

Classification according to 67/548/EEC
Full text of R-phrases: see section 16

2.2. Label elements

Classification
Not applicable

R-phrases
Not applicable

S phrases

Not applicable

2.3. Other hazards

none

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Only hazardous substances above thresholds are shown below

Chemical name	EC No	CAS No	weight-%	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
White Mineral Oil (petroleum) (Asp Tox/Non classified)	232-455-8	8042-47-5	1 - 5%	Xn, R65-66		1-2119487078-27

Full text of R-phrases: see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures**

General advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye Contact	Wash with plenty of water. If eye irritation persists: get medical advice/attention.
Skin Contact	Remove contaminated clothing and shoes. Wash skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Clean mouth with water. Do NOT induce vomiting. Potential for aspiration if swallowed. Get medical attention.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Self-protection of the first aider	Use personal protective equipment as required.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None under normal use conditions.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: Fire Fighting Measures**5.1. Extinguishing media**

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use CO₂, dry chemical, or foam.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture**Special Hazard**

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Cool drums with water spray.

5.3. Advice for firefighters**Special protective equipment for fire-fighters**

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection recommended in Section 8.

Extremely slippery when spilled.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4. Reference to other sections**OTHER INFORMATION**

See Section 12: ECOLOGICAL INFORMATION.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Extremely slippery when spilled.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Store in a closed container. Protect from moisture.

7.3. Specific end use(s)

Lubricant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical name	Sweden	Denmark	Norway	Finland	Estonia
Oil mist/smoke	NGV 8h: 1 mg/m ³ , TGV 15 min: 3 mg/m ³	-	-	-	-
Chemical name	Latvia	Lithuania	Poland	Russia	Slovakia
Oil mist/smoke	-	-	NDS: 5 mg/m ³ , NDSch, 15 min, 10 mg/m ³	MAC: 5 mg/m ³ Skin	-

Chemical name	Sweden	Denmark	Norway	Finland	Estonia
White Mineral Oil (petroleum) (Asp Tox/Non classified) 8042-47-5	NGV 8h: 1 mg/m ³ , TGV 15 min: 3 mg/m ³	-	-	-	-
Chemical name	Latvia	Lithuania	Poland	Russia	Slovakia
White Mineral Oil (petroleum) (Asp Tox/Non classified) 8042-47-5	-	-	NDS: 5 mg/m ³ , NDSch, 15 min, 10 mg/m ³	MAC: 5 mg/m ³ Skin	-

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2. Exposure controls

Engineering controls None under normal use conditions.

Personal protective equipment**Eye/face Protection**

Wear safety glasses with side shields (or goggles).

Hand protection

Wear protective nitrile rubber gloves.

Body protection

Wear suitable protective clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical State	Liquid	Odor	Odourless
Appearance	Clear	Odor Threshold	Not applicable
Color	Colourless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not applicable
Melting Point/Freezing Point		Not applicable
Boiling point/boiling range		No information available
Flash Point		
Flash point COC	170 °C	ISO 2592
Flash point PM		Not applicable
Evaporation Rate		Not applicable
Flammability (solid, gas)		Not applicable
Flammability Limits in Air		
Upper Flammability limits		Not applicable

Lower Flammability Limit		Not applicable
Vapor pressure @20°C (kPa)	< 0.01	
Vapor Density		Not applicable
Relative Density		No information available
Water Solubility	Negligible	
Solubility(ies)	Soluble in Solvent	
Partition Coefficient (n-octanol/water) > 3		
Autoignition Temperature		No information available
Decomposition Temperature		No information available
Kinematic Viscosity		
Viscosity at 40°C Typical	22 mm ² /s	ISO 3104
Viscosity at 100°C Typical	4.2 mm ² /s	ISO 3104
Dynamic viscosity		No information available
Explosive Properties		Not applicable
Oxidizing Properties		Not applicable
9.2. Other information		
Molecular Weight		No information available
VOC Content(%)		No information available
Density	869 kg/m ³	ISO 12185
Bulk density		No information available
Research Octane Number		Not applicable
Sulphur Content		Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal use conditions. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide.

Section 11: Toxicology Information

11.1. Information on toxicological effects

Product Information

Product does not present an acute toxicity hazard based on known or supplied information. Used product can contain harmful contaminants.

Acute toxicity

Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Prolonged contact may cause redness and irritation. May cause skin irritation and/or dermatitis. Product that under high pressure has been forced under the skin, may cause serious cell damage/death under the skin.
Ingestion	Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

Chronic toxicity

carcinogenicity	None known.
sensitization	None known
Neurological effects	None known.
Reproductive Toxicity	None known.
Germ cell mutagenicity	None known.
developmental toxicity	None known.
Teratogenicity	None known.
Target organ effects	None known.
Other adverse effects	None known.
Endocrine Disruptor Information	None known.

SECTION 12: Ecological information

12.1. Toxicity**Ecotoxicity**

Not harmful to aquatic organisms. Expected LC/EC 50 value >100 mg/l.

Chemical name	Algae/aquatic plants	Fish	Crustacea
White Mineral Oil (petroleum) (Asp Tox/Non classified)	-	10000: 96 h Lepomis macrochirus mg/L LC50	-

12.2. Persistence and degradability

Potentially degradable, but will persist in the environment for long periods.

12.3. Bioaccumulative potential

Contain components with potential to bioaccumulate. (logPow >3).

Chemical name	Partition coefficient
White Mineral Oil (petroleum) (Asp Tox/Non classified)	6

12.4. Mobility in soil

After release, adsorbs onto soil.

12.5. Results of PBT and vPvB assessment

This product is not, or does not contain, a substance that is a PBT or a vBvP.

12.6. Other adverse effects

An oilfilm may cause physical damage to organisms and disturb the transportation of oxygen in the intermediate zone between air/water or water/air.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

OTHER INFORMATION

Provisions for waste transmitters:

Different types of hazardous waste shall not be mixed with each other. Wastes can be mixed if the purpose is to improve safety during disposal or recycling or otherwise is done in a manner acceptable to protect the environment. Waste may be transported professionally only by those who have special permission. Solvent and oil waste under certain given amounts may be transported without special permission, after notification to the County Board. Contact the County Board for further information.

Discharge Instructions:

Packs marked with a skull or environmental hazard symbol and risk phrase 50/53 should always be disposed of as hazardous waste. Other packs should be emptied well before they can be recycled or reconditioned. The contents may need to be disposed of as hazardous waste. Draining is best carried out at room temperature. The pack is placed upside down inclined somewhat, about 10 degrees, the runoff should be in such a way that the lowest point of the pack is the exit. Residual content should be collected and added to the process there the product is used. For steel drums especially the runoff must be at room temperature (min 15 ° C). Wait until the pack is drip dry. Do not reseal the packs after runoff. Note in particular the risks involved when emptying containers containing flammable liquids. Emptied packages should be ventilated in a safe place away from sparks and fire. Residues may cause an explosion. Do not puncture, cut or weld in uncleaned packages, containers or barrels. If possible, packs contained water-soluble product should be rinsed thoroughly (3 times) before emptying. The rinse water should, if possible, be used in the process there the product is used.

Classification of wastes:

Waste transmitters is required to classify the waste. All waste is identified by a six digit EWC code. The codes are listed in the Waste Regulation. The codes for oil waste are based on usage and the base oil. Information about the intended use and the base oil are given in the safety data sheet, section 1 and 3/8. Oil waste is always hazardous waste. Examples of EWC codes for oil waste:120107: mineral-based machining oils free of halogens130111: Synthetic Hydraulic Oils130105: Non-chlorinated emulsions130208: other engine, gear and lubricating oils

Waste codes should be assigned by the user based on the application for which the product was used

SECTION 14: Transport information

IMDG

Not regulated

RID

Not regulated

<u>ADR</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation

International Inventories

TSCA	Does not Comply
EINECS/ELINCS	Complies
DSL/NDSL	Does not Comply
PICCS	Does not Comply
ENCS	Does not Comply
IECSC	Does not Comply
AICS	Does not Comply
KECL	Does not Comply

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

R66 - Repeated exposure may cause skin dryness or cracking

R65 - Harmful: may cause lung damage if swallowed

Issue Date	13-Mar-2013
Revision date	23-May-2013
Revision Note	Indication of changes *** , if applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet