



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## ADDINOL Whiteoil WX 15

Print date: 28.11.2014

Product code: 779016

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

ADDINOL Whiteoil WX 15

REACH Registration Number: 01-2119487078-27-0015  
CAS No: 8042-47-5  
EC No: 232-455-8

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

#### 1.3. Details of the supplier of the safety data sheet

Company name: ADDINOL Lube Oil GmbH  
Gebäude 4609  
Street: Am Haupttor  
Place: D-06237 Leuna  
Telephone: +49 (0) 3461 845-201      Telefax: +49 (0) 3461 845-561  
e-mail: info@addinol.de  
Contact person: Application Technology  
Internet: www.addinol.de  
Responsible Department: ADDINOL Application Technology

**1.4. Emergency telephone number:** +49 (0) 3461 845-201 - This number is serviced during office hours.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

This substance is not classified as hazardous according to Directive 67/548/EEC.

##### GHS classification

Hazard categories:  
Aspiration hazard: Asp. Tox. 1  
Hazard Statements:  
May be fatal if swallowed and enters airways.

#### 2.2. Label elements

Signal word: Danger  
Pictograms: GHS08



##### Hazard statements

H304      May be fatal if swallowed and enters airways.

##### Precautionary statements

P301+P310      IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331      Do NOT induce vomiting.  
P405      Store locked up.  
P501      Dispose of contents/container to a waste disposal system.

##### Additional advice on labelling

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

#### 2.3. Other hazards

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to



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our experiences and available information.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

#### Chemical characterization

Viscosity, kinematic: < 20.5 mm<sup>2</sup>/s (40°C)

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
232-455-8	White mineral oil, pharma grade; viscosity < 20.5 mm <sup>2</sup> /s at 40°C	
8042-47-5		100 %
	Asp. Tox. 1; H304	
01-2119487078-27		

Full text of R and H phrases: see Section 16.

#### Further Information

DMSO-Extrakt &lt; 3 %, IP 346.

Concentration of PCBs &lt; 1mg/kg.

Classification system: The classification corresponds to the current EC lists and is completed by information from specialist literature and company information.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Self-protection of the first aider.. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

#### After ingestion

Do not induce vomiting. Give activated carbon, in order to reduce the resorption in the gastro-enteric tract. Immediately get medical attention.

Caution if victim vomits: Risk of aspiration!

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

Following symptoms can occur: Coughing, difficulties of breathing.

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

First Aid, decontamination, treatment of symptoms.



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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray. Foam. Sand.

#### Unsuitable extinguishing media

High power water jet.

### 5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Nitrogen oxides (NO<sub>x</sub>). Carbon black.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Extinguishing materials should be selected according to the surrounding area. Use water spray/stream to protect personnel and to cool endangered containers. In case of fire and/or explosion do not breathe fumes. Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

High slip hazard because of leaking or spilled product. Remove all sources of ignition. Wear respiratory protection when in the presence of vapour, dust, and aerosols. Avoid contact with skin, eye and clothing.

### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

Refer to the provisions listed in Sections 8, 12 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid oil mist Avoid contact with skin, eye and clothing.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of dampness. Keep container tightly closed in a cool place.

#### Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.  
Keep away from: Oxidizing agents.

#### Further information on storage conditions

Recommended storage temperature: 10 - 30°C



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Protect against: heat. UV-radiation/sunlight. frost.

#### 7.3. Specific end use(s)

Further information: refer to Technical Data Sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Additional advice on limit values

Recommended limit value for oil mist

TWA: 5 mg/m<sup>3</sup>STEL: 10 mg/m<sup>3</sup>

The product does not contain any relevant quantities of substances with legally established exposure limitation.

#### 8.2. Exposure controls



##### Appropriate engineering controls

No special measures are necessary.

##### Protective and hygiene measures

Wash hands before breaks and at the end of work. Take off immediately all contaminated clothing.

Wash contaminated clothing prior to re-use. Do not eat, drink, smoke or sneeze at the workplace.

##### Eye/face protection

Tightly sealed safety glasses. German Industry Norms (DIN) / European Norms (EN): DIN EN 166

##### Hand protection

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Duration of wearing with permanent contact: 480 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.7 mm.

Duration of wearing with occasional contact (splashes): 30 min

Suitable material: NBR (Nitrile rubber).

Thickness of glove material: 0.4 mm

Protect skin by using skin protective cream.

##### Skin protection

Wear suitable protective clothing. Change contaminated clothing. Do not put any product-impregnated cleaning rags into your trouser pockets.

##### Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. Breathing protection with filter against organic gases and vapours type A - boiling point &gt; 65°C: A1: &lt; 1000 ppm; A2: &lt; 5000 ppm; A3: &lt; 10000 ppm



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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	neutral

#### Test method

#### Changes in the physical state

Melting point:	- 15 °C
Initial boiling point and boiling range:	301 - 499 °C
Flash point:	198 °C DIN ISO 2592

#### Explosive properties

evaluation: not Explosive.

#### Auto-ignition temperature

Gas:	325 - 355
Vapour pressure: (at 20 °C)	< 0,1 hPa
Density (at 15 °C):	0,853 g/cm <sup>3</sup> DIN 51757
Water solubility:	virtually insoluble
Viscosity / kinematic: (at 40 °C)	15,4 mm <sup>2</sup> /s DIN 51562

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable with proper care and handling.

### 10.2. Chemical stability

The product is chemically stable when handled and stored under normal conditions.

### 10.3. Possibility of hazardous reactions

No decomposition if used as intended.

### 10.4. Conditions to avoid

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

### 10.5. Incompatible materials

Reacts with : Oxidizing agents, strong.

### 10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Nitrogen oxides (NO<sub>x</sub>). Carbon black.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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**Acute toxicity**

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
8042-47-5	White mineral oil, pharma grade; viscosity < 20.5 mm <sup>2</sup> /s at 40°C				
	oral	LD50	> 5.000 mg/kg	Rat.	
	dermal	LD50	> 2.000 mg/kg	Rabbit.	
	inhalative (4 h) vapour	LC50	> 5.000 mg/l	Rat.	

**Irritation and corrosivity**

Evaluation: Not an irritant.

**Sensitising effects**

Evaluation: no danger of sensitization.

**Severe effects after repeated or prolonged exposure**

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

**Carcinogenic/mutagenic/toxic effects for reproduction**

No indications of human reproductive toxicity exist. (OECD 421)

Subacute dermal toxicity NOAEL: 1000 mg/kg (Rabbit.)

Subchronic dermal toxicity NOAEL: &gt; 2000 mg/kg (Rat.)

Chronic oral toxicity NOAEL: &gt; 1200 mg/kg (Rat.)

**Specific effects in experiment on an animal**

No data available

**Further information**

If handled with proper care and at intended use, the product does not cause any harmful effects acc. to our experiences and available information.

**SECTION 12: Ecological information****12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h]   [d]	Species	Source
8042-47-5	White mineral oil, pharma grade; viscosity < 20.5 mm²/s at 40°C					
	Acute fish toxicity	LC50	> 1.000 mg/l	96 h	Leuciscus idus (golden orfe)	

**12.2. Persistence and degradability**

Product is partially biodegradable.

OECD 301 F: 31.3 % (28 d).

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

Due to its low solubility in water the product is almost completely mechanically separated in biological waste water treatment plants.

**12.5. Results of PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.



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#### **12.6. Other adverse effects**

No data available

#### **Further information**

Do not allow uncontrolled leakage of product into the environment.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Must not be disposed of with domestic refuse. Do not empty into drains or the aquatic environment.

##### **Waste disposal number of waste from residues/unused products**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils  
Classified as hazardous waste.

##### **Contaminated packaging**

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.  
Waste disposal according to official state regulations. Packing which cannot be properly cleaned must be thrown away.

### **SECTION 14: Transport information**

#### **Land transport (ADR/RID)**

**14.1. UN number:** -

#### **Inland waterways transport (ADN)**

**14.1. UN number:** -

#### **Marine transport (IMDG)**

**14.1. UN number:** -

#### **Air transport (ICAO)**

**14.1. UN number:** -

#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### **14.6. Special precautions for user**

Unless specified otherwise, general measures for safe transport must be followed.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

#### **Other applicable information**

Not a hazardous material with respect to these transportation regulations.

### **SECTION 15: Regulatory information**

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

##### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

#### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

### **SECTION 16: Other information**

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**Full text of H statements referred to under Sections 2 and 3**

H304                      May be fatal if swallowed and enters airways.

**Further Information**

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

These given data only refer to the named product. If the product is used together with other materials or in manufacturing processes the data might not be applicable any more. The data are based on today's state of our knowledge and experience. They are, however, no guarantee of any specific product properties and do not established any legally valid contractual relationship.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.