



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### ADDINOL Whiteoil WX 15

Revision date: 14.01.2021

Product code: 779016

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#### 2.3. Other hazards

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 3: Composition/information on ingredients

#### 3.1. Substances

##### Chemical characterization

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

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
8042-47-5	White mineral oil (petroleum), pharma grade			80 - <= 100 %
	232-455-8		01-2119487078-27-0015	
	Asp. Tox. 1; H304			

Full text of H and EUH statements: see section 16.

##### Further Information

DMSO-Extrakt < 3 %, IP 346.

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. Call a physician immediately.

Caution if victim vomits: Risk of aspiration!

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

The following symptoms may occur: Coughing, difficulties of breathing.

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

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

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### 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

In case of fire may be liberated: 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**

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet 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 allow to enter into surface water or drains.

## 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 breathing apparatus if exposed to vapours/dusts/aerosols. Avoid contact with skin, eye and clothing.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Prevent spread over a wide area (e.g. by containment or oil barriers).

### 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 recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

### 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 humidity. Keep container tightly closed in a cool place.

#### **Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agents.

#### **Further information on storage conditions**

Recommended storage temperature: 10 - 30°C

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

### 7.3. Specific end use(s)

Further information: see technical data sheet.

## SECTION 8: Exposure controls/personal protection

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### 8.1. Control parameters

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
8042-47-5	White mineral oil (petroleum), pharma grade			
Worker DNEL, long-term		dermal	systemic	220 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	160 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	92 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	35 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	40 mg/kg bw/day

#### 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 after 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.

Wearing time 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 exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Cosaint riospráide le scagaire i gcoinne gás orgánach agus gaile cineál A - fiuchphointe > 65 ° C: A1: <1000 ppm; A2: <5000 ppm; A3: <10,000 ppm.

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## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	dathanna éagsúla
Odour:	neutral

#### Test method

pH-Value: No data available

#### Changes in the physical state

Melting point: No data available

Initial boiling point and boiling range: No data available

Pour point: -22 °C ASTM D 7346

Flash point: 187 °C DIN EN ISO 2592

#### Flammability

Solid: No data available

Gas: No data available

#### Explosive properties

evaluation: not Explosive.

Lower explosion limits: No data available

Upper explosion limits: No data available

Ignition temperature: not determined

#### Auto-ignition temperature

Solid: No data available

Gas: No data available

Decomposition temperature: No data available

Vapour pressure: No data available

(at 20 °C)

Density (at 15 °C): 0,850 g/cm<sup>3</sup> DIN 51757

Water solubility: virtually insoluble

Viscosity / kinematic:  
(at 40 °C) 15,6 mm<sup>2</sup>/s ASTM D 7042

Vapour density: No data available

Evaporation rate: No data available

### 9.2. Other information

Solid content: not determined

## 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.

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Do not overheat to avoid decomposition by heat.

#### **10.5. Incompatible materials**

Reacts with : Oxidizing agents, strong.

#### **10.6. Hazardous decomposition products**

In case of fire may be liberated: 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**

#### **Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
8042-47-5	White mineral oil (petroleum), pharma grade				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 > 5000 mg/l	Rat		

#### **Irritation and corrosivity**

Irritant effect on the eye: Not an irritant.

Irritant effect on the skin: Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

#### **Sensitising effects**

Evaluation: no danger of sensitization.

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

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

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

Subchronic dermal toxicity NOAEL: > 2000 mg/kg (Rat)

Chronic oral toxicity NOAEL: > 1200 mg/kg (Rat)

#### **STOT-repeated exposure**

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

#### **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**

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
8042-47-5	White mineral oil (petroleum), pharma grade					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Leuciscus idus (golden orfe)	OECD 203	
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Pseudokirchneriella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna	OECD 202	

#### **12.2. Persistence and degradability**

Product is partially biodegradable.

OECD 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.

#### **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**

##### **Disposal recommendations**

Must not be disposed of with domestic refuse. Do not allow to enter into surface water or drains.

##### **List of Wastes Code - 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; hazardous waste

##### **Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Dispose of waste according to applicable legislation. 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-TI/IATA-DGR)**

**14.1. UN number:** -

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

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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 Marpol and the IBC Code**

not applicable

#### **Other applicable information**

No dangerous good in sense of these transport regulations.

### SECTION 15: Regulatory information

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

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

Water hazard class (D): 1 - slightly hazardous to water

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

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

### SECTION 16: Other information

#### **Relevant H and EUH statements (number and full text)**

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.