

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## ADDINOL Roller Track Lube 100

Revision date: 19.03.2019

Product code: 766070

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

#### 1.1. Product identifier

ADDINOL Roller Track Lube 100

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

##### Use of the substance/mixture

Lubricant and additive.

For industrial purposes only.

#### 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 845-0	Telefax: +49 (0) 3461 845-555
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 845 222 - Only available during office hours.

### SECTION 2: Hazards identification

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

##### Regulation (EC) No. 1272/2008

Hazard categories:

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Harmful to aquatic life with long lasting effects.

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

###### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

###### Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container to a waste disposal system.

###### Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

#### 2.3. Other hazards

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

Spilled product must not leak into the ground.

Do not allow uncontrolled leakage of product into the environment.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
1330-78-5	Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate			<1 %
	809-930-9		01-2119531335-46	
	Repr. 2, Aquatic Acute 1 (M-Factor = 1), Aquatic Chronic 1 (M-Factor = 1); H361f H400 H410			
115-86-6	Triphenyl phosphate			< 0,5 %
	204-112-2			
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			

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.

Rinse mouth thoroughly with water. Call a physician immediately.

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

No information available.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Atomized water.

##### Unsuitable extinguishing media

High power water jet.

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### **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. Phosphorus 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/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 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. Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

### **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**

Work in well-ventilated zones or use proper respiratory protection. Avoid oil mist. If handled uncovered, arrangements with local exhaust ventilation have to be used. 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. Provide adequate ventilation as well as local exhaustion at critical locations.

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

Keep away from food, drink and animal feedingstuffs.

Keep away from: Oxidizing agents.

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

Protect against: UV-radiation/sunlight. frost.

Recommended storage temperature: 5 - 40°C

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

Further information: see technical data sheet.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

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### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
115-86-6	Triphenyl phosphate	-	3		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL

### 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

Provide adequate ventilation as well as local exhaust at critical locations.

#### 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. Breathing protection with filter against organic gases and vapours type A - boiling point > 65°C: A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

#### Test method

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pH-Value:	No data available
<b>Changes in the physical state</b>	
Melting point:	No data available
Initial boiling point and boiling range:	No data available
Pour point:	-25 °C ASTM D 7346
Flash point:	290 °C DIN EN ISO 2592
<b>Flammability</b>	
Solid:	No data available
Gas:	No data available
<b>Explosive properties</b>	
No data available	
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Ignition temperature:	No data available
<b>Auto-ignition temperature</b>	
Solid:	No data available
Gas:	No data available
Decomposition temperature:	No data available
<b>Oxidizing properties</b>	
No data available	
Vapour pressure:	No data available
Density (at 15 °C):	0,965 g/cm <sup>3</sup> DIN 51757
Water solubility:	virtually insoluble
<b>Solubility in other solvents</b>	
No data available	
Partition coefficient:	No data available
Viscosity / kinematic: (at 40 °C)	105 mm <sup>2</sup> /s ASTM D 7042
Vapour density:	No data available
Evaporation rate:	No data available

#### **9.2. Other information**

No data available

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

#### **10.2. Chemical stability**

The mixture is chemically stable under recommended conditions of storage, use and temperature.

#### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

#### **10.4. Conditions to avoid**

Refer to chapter 7 No further action is necessary.

Do not overheat to avoid decomposition by heat.

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

Reacts with : Oxidizing agents, strong. Acid.

#### **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>). Phosphorus oxides. carbon black.

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.  
Mixture not tested.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1330-78-5	Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate				
	oral	LD50 mg/kg	3700	Rat	
	inhalation (1 h) aerosol	LC50	11,1 mg/l	Rat	

##### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.  
Irritant effect on the eye: mild irritant.  
Irritant effect on the skin: Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

##### **Sensitising effects**

Based on available data, the classification criteria are not met.

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

Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

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

Based on available data, the classification criteria are not met.  
Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

##### **Specific effects in experiment on an animal**

No data available

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

No data available

Mixture not tested.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
1330-78-5	Reaction mass of 3-Methylphenyl di-4-methylphenyl Phosphate and 4-Methylphenyl di-3-methylphenyl Phosphate and tris(3-methylphenyl)phosphate					
	Acute fish toxicity	LC50	0,6 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute crustacea toxicity	EC50 mg/l	0,146	48 h	Daphnia magna	
	Fish toxicity	NOEC mg/l	0,01	28 d	Fish	
	Crustacea toxicity	NOEC	0,1 mg/l	14 d	Daphnia magna	

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

Not easily bio-degradable (according to OECD-criteria). Do not allow to enter into surface water or drains.

#### **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**

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

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

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

130206 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; synthetic 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:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -  
**14.4. Packing group:** -

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

- 14.1. UN number:** -  
**14.2. UN proper shipping name:** -  
**14.3. Transport hazard class(es):** -

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**14.4. Packing group:** -

#### Marine transport (IMDG)

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

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

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,5,7,8,9,10,11,12,14,15,16.

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

H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Further Information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

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.



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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*