



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### ADDINOL Anti-Seize Paste 23 White

Print date: 20.01.2015

Product code: 717223

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

##### 1.1. Product identifier

ADDINOL Anti-Seize Paste 23 White

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

###### Use of the substance/mixture

Paste.

##### 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

The preparation is not dangerous in the sense of Directive 1999/45/EC.

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

##### 2.2. Label elements

###### Additional advice on labelling

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

##### 2.3. Other hazards

No risks worthy of mention.

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

##### 3.2. Mixtures

###### Further Information

The product does not contain any dangerous substances with concentrations reaching or exceeding the limits acc. to 1999/45/EC.

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.



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#### 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

Not applicable because it is a solution-free paste.

###### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Use skin protection ointment after cleaning.

###### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

###### After ingestion

Do not induce vomiting.

Rinse mouth thoroughly with water. Immediately get medical attention.

##### 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

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray. alcohol resistant 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>). 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. Avoid contact with skin, eye and clothing.

##### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

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

Collect mechanically. Waste disposal according to official state regulations. Clean contaminated objects and areas thoroughly observing environmental regulations.



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#### **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 contact with skin, eye and clothing. When using do not smoke.

##### **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.

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

Protect against: UV-radiation/sunlight. frost.

Recommended storage temperature: 10 - 30°C

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

#### **8.1. Control parameters**

##### **Additional advice on limit values**

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

#### **8.2. Exposure controls**



##### **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**

No special measures are necessary.

##### **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



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cleaning rags into your trouser pockets.

**Respiratory protection**

No special measures are necessary.

## SECTION 9: Physical and chemical properties

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

Physical state:	Paste
Colour:	white
Odour:	characteristic

**Test method****Changes in the physical state**

Melting point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	210 °C DIN EN ISO 2592

**Explosive properties**

evaluation: not Explosive.

Ignition temperature:	400 °C DIN 51794
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**Auto-ignition temperature**

Solid: incapable of spontaneous heating.

Density (at 15 °C):	1,200 g/cm <sup>3</sup> DIN 51757
Water solubility:	insoluble
Viscosity / kinematic: (at 40 °C)	32 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

No data available

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity**



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No data available

Mixture not tested.

**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.

**Severe effects after repeated or prolonged exposure**

No data available

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

No data available

**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**

No data available

Mixture not tested.

**12.2. Persistence and degradability**

Not easily bio-degradable (according to OECD-criteria). Do not empty into drains or the aquatic environment.

**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 empty into drains or the aquatic environment.

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

120112 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent waxes and fats  
Classified as hazardous waste.

**Contaminated packaging**

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.



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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

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

#### SECTION 16: Other information

##### Further Information

This mixture is classified as not hazardous according to Regulation (EC) 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.

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