



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

**1.1. Product identifier**

**Name of product** Anti-Seize AS Assembly Paste  
Code-Nr. 260000

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

**Recommended intended purpose(s)**

Corrosion Protection and Lubricant

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

**Distributor**

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster  
Postbox 48045, DE-8460 Münster  
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 244  
E-Mail : msds@weicon.de  
Internet : www.weicon.de

**Advice**

Produktsicherheit / Product-Safety-Department  
Phone ++49(0)251 / 9322 - 0  
E-mail (competent person):  
msds@weicon.de

**1.4. Emergency telephone number**

GIZ Bonn (German, English) Tel: ++49(0)228-19 240  
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178  
433 7434 (24h Emergency Contact)

**Manufacturer**

WEICON GmbH & Co. KG  
Königsberger Str. 255, DE-48157 Münster

**1.4. Emergency telephone number**

**Emergency advice**

-  
Phone -  
GIZ Bonn (Medizinische Auskunft in Deutsch und Englisch)  
Tel: ++49(0)228-19 240  
TRANSPORT: Consultank Lutz Harder GmbH Tel: +49(0)178  
433 7434 (24h Emergency Contact)

**SECTION 2: Hazards identification**

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

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Eye Dam. 1	H318	
Aquatic Chronic 2	H411	

**Hazard Statements**

H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.

**2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS05



GHS09

**Signal word**

Danger

**Hazard Statements**

- H318 Causes serious eye damage.  
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

- P102 Keep out of reach of children.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor/physician.  
 P391 Collect spillage.  
 P501 Dispose of contents/container to hazardous or special waste collection point.

**Hazardous ingredients for labeling**

calcium hydroxide

**2.3. Other hazards**
**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

not applicable

**3.2. Mixtures**
**Description**

Preparation of inorganic thickener in synthetic oil with additives.

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
1314-13-2	215-222-5	zinc oxide	2,5 - 5	Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
1305-62-0	215-137-3	calcium hydroxide	< 9,99	Eye Dam. 1, H318 / Skin Irrit. 2, H315 / STOT SE 3, H335
7440-50-8	231-159-6	copper	2,5 - 5	Aquatic Acute 1, H400
7429-90-5	231-072-3	aluminium powder (stabilised)	2,5 - 5	Flam. Sol. 1, H228



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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove moisted clothing immediately.

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

### 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

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

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

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Do not inhale explosion and/or combustion gases.

#### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.



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## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ensure adequate ventilation.

Use personal protective clothing.

High risk of slipping due to leakage/spillage of product.

### 6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

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

After taking up the material dispose according to regulation.

Take up mechanically.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Take the usual precautions when handling with chemicals.

#### General protective measures

Do not inhale gases/vapours/aerosols.

Avoid contact with the eyes.

#### Hygiene measures

At work do not eat, drink and smoke.

Wash hands and skin before breaks and after work.

#### Advice on protection against fire and explosion

No special measures necessary.

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

#### Requirements for storage rooms and vessels

Keep only in original container.

#### Advice on storage compatibility

Do not store together with acids.

Do not store together with oxidizing agents.

#### Further information on storage conditions

Keep container tightly closed.

Store in a dry place.

Recommended storage temperature: room temperature.

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2



## ! SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
7429-90-5	Aluminium metal: inhalable dust	8 hours	10		EH40/2005
7429-90-5	Aluminium metal: respirable dust	8 hours	4		EH40/2005
1305-62-0	Calcium hydroxide	8 hours	5		EH40/2005
7440-50-8	Copper: fume	8 hours Short-term	0.2 2		EH40/2005
7440-50-8	Copper: dusts and mists (as Cu)	8 hours	1		EH40/2005
14807-96-6	Talc respirable dust	8 hours	1		EH40/2005

#### Additional advice

The statutory local and national regulations have to be observed.

### 8.2. Exposure controls

#### Respiratory protection

Not required

#### ! Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Not suitable: leather gloves

Not suitable: gloves made of thick material

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile rubber; 0,4mm; 480min;60min.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

#### Eye protection

tightly fitting goggles

#### Other protection measures

protective clothing

#### Appropriate engineering controls

Sufficient ventilation and exhaustion.

## SECTION 9: Physical and chemical properties

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

#### Appearance

pasty

#### Colour

grey

#### Odour

characteristic

#### Odour threshold

not determined

#### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
boiling point	not determined				



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 06.01.2016

revision 17.07.2015 (GB) Version 8.3

**Anti-Seize AS Assembly Paste**

	Value	Temperature	at	Method	Remark
<b>melting point</b>	not determined				
<b>Flash point</b>	ca. 170 °C			ISO 2592	basic oil
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	1,2 g/cm <sup>3</sup>	20 °C		DIN 51757	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					insoluble
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity kinematic</b>	not applicable				
<b>Oxidising properties</b>	No information available.				
<b>Explosive properties</b>	not determined				
<b>9.2. Other information</b>	No information available.				

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

Reactions with strong acids.

Reactions with strong oxidising agents.

**10.4. Conditions to avoid**

No information available.

**10.5. Incompatible materials****Substances to avoid**

Acid

oxidising agent

**10.6. Hazardous decomposition products****Thermal decomposition**

Remark No decomposition if used as directed.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	non-irritant			
<b>Eye irritation</b>	irritant - risk of strong eye injuries			

**Experiences made from practice**

Risk of strong eye injuries.

**Additional information**

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

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

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects****General regulation**

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

Product is not allowed to be discharged into aquatic environment.



## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste code No.	Name of waste
12 01 12*	spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

### Recommendations for the product

Remove in accordance with local official regulations.

### Recommendations for packaging

Dispose of according to the local waste regulations.

### General information

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Kupfer, Zinkoxid)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (copper, zinc oxide)	Environmentally hazardous substance, solid, n.o.s. (copper, zinc oxide)
14.3. Transport hazard class(es)	9	9	9
14.4. Packing group	III	III	III
14.5. Environmental hazards	Yes	Yes	Yes

### 14.6. Special precautions for user

Caution: Dangerous substances and objects.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
not applicable

### Land and inland navigation transport ADR/RID

Hazard label(s) 9  
tunnel restriction code E  
Classification code M7

### Marine transport IMDG

MARINE POLLUTANT

### Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)





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## ! SECTION 15: Regulatory information

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

#### VOC standard

VOC content 0 %

### 15.2. Chemical Safety Assessment

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

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## ! SECTION 16: Other information

### ! Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

For industrial use only.

### Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.2

H228	Flammable solid.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.