

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**HIGHTEC AWF 1**

Revision date: 22.01.2018

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1. Product identifier**

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

Lubricant, lubricants and release products

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

Company name:	ROWE MINERALOELWERK GMBH	
Street:	Langgewann 101	
Place:	D-67547 Worms	
Telephone:	+49 (0)6241 5906-0	Telefax: +49 (0)6241 5906-999
e-mail:	info@rowe-mineraloel.com	
Internet:	www.rowe-mineraloel.com	
Responsible Department:	Kundenservice	

**1.4. Emergency telephone number:** Giftnotruf Mainz (DE; E) +49 (0)6131-19240

**SECTION 2: Hazards identification**
**2.1. Classification of the substance or mixture**
**Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

**2.2. Label elements**
**Regulation (EC) No. 1272/2008**
**Special labelling of certain mixtures**

EUH210 Safety data sheet available on request.

**2.3. Other hazards**

none

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures**
**Chemical characterization**

Fat.

**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
68425-15-0	Polysulfides, Di-tert-dodecyl-			1-10%
	270-335-7			
	Aquatic Chronic 4; H413			

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

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

In all cases of doubt, or when symptoms persist, seek medical advice.

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**After contact with skin**

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

**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**

Let water be drunken in little sips (dilution effect). Call a physician immediately. Put victim at rest, cover with a blanket and keep warm.

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

No known symptoms to date.

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

none

**SECTION 5: Firefighting measures**
**5.1. Extinguishing media**
**Suitable extinguishing media**

alcohol resistant foam. Carbon dioxide. Extinguishing powder. Water spray.

**Unsuitable extinguishing media**

High power water jet.

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

In case of fire and/or explosion do not breathe fumes.

**5.3. Advice for firefighters**

Use appropriate respiratory protection.

**Additional information**

Cool jeopardized tanks with water in the case of fire.

Do not allow water used to extinguish fire to enter drains or waterways.

**SECTION 6: Accidental release measures**
**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

**6.2. Environmental precautions**

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Take up mechanically. Wipe up with absorbent material (eg. cloth, fleece).

**6.4. Reference to other sections**

none

**SECTION 7: Handling and storage**
**7.1. Precautions for safe handling**
**Advice on safe handling**

When using do not eat, drink or smoke. Observe in addition any national regulations!

**Advice on protection against fire and explosion**

No special measures are necessary.

**Further information on handling**

Avoid contact with skin and eyes.

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

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#### Hints on joint storage

Materials to avoid: Strong acid, strong alkalis, Oxidizing agents.

#### Further information on storage conditions

Keep/Store only in original container. Notice the directions for use on the label. Keep away from heat.

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

none

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Protective and hygiene measures

Avoid contact with skin and eyes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

Wear suitable gloves. nitrile. 0,4mm >240min

##### 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:	characteristic, light brown
Odour:	characteristic

pH-Value:	>7	<b>Test method</b>
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##### Changes in the physical state

Melting point:	185 °C
Initial boiling point and boiling range:	>250 °C
Flash point:	>200 °C
Density (at 20 °C):	~0.95 g/cm <sup>3</sup> DIN 51757
Water solubility:	insoluble

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

possible with strong oxidizing agents. Etchant and acids

#### 10.2. Chemical stability

No data available

#### 10.3. Possibility of hazardous reactions

No data available

#### 10.4. Conditions to avoid

This product is stable under normal conditions. Hazardous reactions are unlikely.

#### 10.5. Incompatible materials

Materials to avoid: Strong acid, strong alkalis, Oxidizing agents.

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**10.6. Hazardous decomposition products**

Onset of decomposition at elevated temperatures: Carbon monoxide, Carbon dioxide, aldehydes, ketone.  
Sulfur oxides, Nitrogen oxides (NOx).

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Irritation and corrosivity**

Frequently or prolonged contact with skin may cause dermal irritation.

**Further information**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

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

No data available

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No data available

**Further information**

Following consultation with waste management company and after physico-chemical pre-treatment, landfill together with household waste.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

**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; hazardous waste

**Waste disposal number of used product**

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; hazardous waste

**Waste disposal number of contaminated packaging**

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; hazardous waste

**SECTION 14: Transport information****Land transport (ADR/RID)**

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**Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)****Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

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

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2.

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

H413 May cause long lasting harmful effects to aquatic life.

EUH210 Safety data sheet available on request.

**Further Information**

The information provided in this safety data sheet conforms to the requirements of the national and EU legislation. However, the specific working conditions at the user's site are beyond our knowledge and control.

The responsibility for compliance with all statutory requirements rests with the user.

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