

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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## CURTIS Entschäumer AF 6120

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

#### 1.1. Product identifier

**Trade name/designation:**

CURTIS Entschäumer AF 6120

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

**Use of the substance/mixture:**

Defoamer for metal working fluids.

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

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Curtis Systems GmbH**

Geheimrat-Hummel-Platz Nr. 4

65239 Hochheim

Germany

**Telephone:** 0614690738-0

**Telefax:** 061469073845

**E-mail:** info@curtis-systems.de

**E-mail (competent person):** weimer@curtis-systems.de

#### 1.4. Emergency telephone number

Technical department: , 06146-90738-33 (Only available during office hours.)

### SECTION 2: Hazards identification

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

No data available

#### 2.2. Label elements

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

**Supplemental Hazard information (EU):** -

#### 2.3. Other hazards

No data available

### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

**Description:**

Mixture of modified polysiloxanes and additives.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information:**

When in doubt or if symptoms are observed, get medical advice.

**Following inhalation:**

Remove casualty to fresh air and keep warm and at rest.

**In case of skin contact:**

After contact with skin, wash immediately with plenty of water and soap.

In case of skin reactions, consult a physician.

**After eye contact:**

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of eye irritation consult an ophthalmologist.

**After ingestion:**

Rinse mouth thoroughly with water.

Call a physician immediately.

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

No information available.

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

First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

In case of fire, use sand, extinguishing powder or alcohol resistant foam.

#### Unsuitable extinguishing media:

Not known.

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

No information available.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Use personal protection equipment.

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment:

Prevent spread over a wide area (e.g. by containment or oil barriers).

Cover drains.

Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

#### For cleaning up:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

### 6.4. Reference to other sections

No data available

### 6.5. Additional information

Special danger of slipping by leaking/spilling product.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Avoid contact with skin, eyes and clothes.

Always close containers tightly after the removal of product.

##### Fire prevent measures:

No special fire protection measures are necessary.

##### Environmental precautions:

Shafts and sewers must be protected from entry of the product.

##### Advices on general occupational hygiene

Wash hands before breaks and after work.

Draw up and observe skin protection programme.

Do not put any product-impregnated cleaning rags into your trouser pockets.

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

#### Requirements for storage rooms and vessels:

Keep container tightly closed.

Provide for retaining containers, eg. floor pan without outflow.

#### Hints on storage assembly:

Do not store together with: Oxidizing agent

**Storage class:** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

#### Further information on storage conditions:

Recommended storage temperature 10 - 30 °C

storage stability > 1 year

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

#### 8.2.2. Personal protection equipment



#### Eye/face protection:

Suitable eye protection: Eye glasses with side protection

#### Skin protection:

Hand protection

By short-term hand contact NBR (Nitrile rubber) : Thickness of the glove material 0,4 mm / > 120 min.

By long-term hand contact Butyl caoutchouc (butyl rubber) : Thickness of the glove material 0,7 mm / > 480 min.

#### Respiratory protection:

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at: insufficient ventilation aerosol or mist formation

#### 8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

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

#### Appearance

**Physical state:** Liquid

**Colour:** light yellow

**Odour:** characteristic

#### Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>	20 °C		2%
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not applicable</i>			
Decomposition temperature	<i>not determined</i>			
Flash point	<i>not determined</i>		DIN EN ISO 2592	
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not determined</i>			

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parameter		at °C	Method	Remark
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>No data available</i>	20 °C		
Vapour density	<i>not determined</i>			
Density	<i>No data available</i>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility	<i>miscible</i>	20 °C		
Partition coefficient: n-octanol/water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>	20 °C		
Kinematic viscosity	<i>≈ 900 mm<sup>2</sup>/s</i>	20 °C		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There are no data available on the mixture itself.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity:

Toxicological data are not available.

#### Acute dermal toxicity:

Toxicological data are not available.

#### Acute inhalation toxicity:

Toxicological data are not available.

#### Skin corrosion/irritation:

There are no data available on the preparation/mixture itself.

Not an irritant.

The statement is derived from products of similar structure or composition.

#### Serious eye damage/irritation:

Not an irritant.

The statement is derived from products of similar structure or composition.

#### Respiratory or skin sensitisation:

not sensitising.

The statement is derived from the properties of the single components.

#### Germ cell mutagenicity:

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

#### Carcinogenicity:

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

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### **Reproductive toxicity:**

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.

### **Aspiration hazard:**

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

## SECTION 12: Ecological information

### **12.1. Toxicity**

#### **Aquatic toxicity:**

There are no data available on the mixture itself.

The statement is derived from the properties of the single components.

#### **Assessment/classification:**

harmless to aquatic organisms up to the tested concentration

#### **Additional ecotoxicological information:**

Do not allow uncontrolled discharge of product into the environment.

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

#### **Biodegradation:**

No information available.

### **12.3. Bioaccumulative potential**

#### **Accumulation / Evaluation:**

There are no data available on the mixture itself.

### **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**

No data available

## SECTION 13: Disposal considerations

### **13.1. Waste treatment methods**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### **13.1.1. Product/Packaging disposal**

Waste codes/waste designations according to EWC/AVV

#### **Waste code product:**

#### **Remark:**

List of proposed waste codes/waste designations in accordance with AAV: Waste code product : 120109

#### **Waste treatment options**

#### **Appropriate disposal / Product:**

Dispose of waste according to applicable legislation.

#### **Appropriate disposal / Package:**

Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company.

Non-contaminated packages may be recycled.

## SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN-No.</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant			
<b>14.4. Packing group</b>			
not relevant			
<b>14.5. Environmental hazards</b>			
not relevant			
<b>14.6. Special precautions for user</b>			
not relevant			

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

### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

No data available

##### 15.1.2. National regulations

 [DE] National regulations

##### Water hazard class (WGK)

##### WGK:

1 - schwach wassergefährdend

##### Source:

Self-classification (mixture; calculation rule).

#### 15.2. Chemical Safety Assessment

No information available.

### SECTION 16: Other information

#### 16.1. Indication of changes

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#### 16.2. Abbreviations and acronyms

No data available

#### 16.3. Key literature references and sources for data

No data available

#### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No data available

#### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

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### 16.6. Training advice

No data available

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.