

# SAFETY DATA SHEET

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

Revision date: 15-Sep-2015

Print date: 15-Sep-2015



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## CURTIS Entschäumer AF 70\_2

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

#### 1.1. Product identifier

Trade name/designation:

CURTIS Entschäumer AF 70\_2

#### 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

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

This substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard statements:** -

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

**Precautionary statements:** -

#### 2.3. Other hazards

No data available

### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

**Description:**

Mixture of modified polysiloxanes and additives.

**Additional information:**

Substances with legal EC-limits: see under point 8

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information:**

Take off contaminated clothing immediately.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**Following inhalation:**

In case of inhaling aerosols/vapors/dust: provide fresh air.

In case of respiratory tract irritation, consult a physician.

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### In case of skin contact:

Wash off the skin with water and soap, and then rub greasy ointment into the skin.

In case of prolonged skin reactions, consult a physician.

### After eye contact:

Flush immediately with plenty of flowing water for several minutes holding eyelids apart or use an appropriated eye-bath.

In case of pains, red eyes or other symptoms, consult a physician.

### After ingestion:

Rinse mouth immediately with water. Let water be drunken in little sips (dilution effect).

Do not induce vomiting. Consult a physician.

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

No data available

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

No data available.

## 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:

In closed rooms provide for fresh air. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

Do not allow to enter drains/surface water/ground-water.

Check the local regulations.

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

#### For containment:

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.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Avoid release to the environment. Keep container tightly closed.

##### 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.

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

##### Requirements for storage rooms and vessels:

Store in original container. Keep container tightly closed.

Floors should be impervious, resistant to liquids and easy to clean.

##### Hints on storage assembly:

Do not store together with oxidizing agents.

**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: room temperature ( 20 °C )

storage stability: til 12 months.

#### 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:

Handling the concentrate and/or in case of splashing use eye glasses with side protection according to EN 166:2001.

##### 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.

#### 8.3. Additional information

No data available

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## CURTIS Entschäumer AF 70\_2

### SECTION 9: Physical and chemical properties

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

##### Appearance

Physical state: liquid

Colour: white

Odour: typical

##### Safety relevant basis data

parameter		at °C	Method	Remark
pH	≈ 8	20 °C		
Melting point/freezing point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	> 100 °C			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not applicable</i>		DIN EN ISO 25 92	
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>	20 °C		
Vapour density	<i>not determined</i>			
Density	≈ 1 g/cm <sup>3</sup>	20 °C		
Bulk density	<i>not determined</i>			
Water solubility (g/L)	miscible	20 °C		
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>	20 °C		
Kinematic viscosity	≈ 1,000 mm <sup>2</sup> /s	25 °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 stable.

#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

No decomposition for intended use. Increased temperature and/or frost can cause adverse effects for the mixed condition.

#### 10.5. Incompatible materials

Not known.

#### 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.

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### 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 the properties of the single components.

### Eye damage/irritation:

slightly irritant but not relevant for classification.

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

### Respiratory or skin sensitisation:

not sensitising.

### Carcinogenicity:

According to the current state of knowledge all substances in this product are classified as not carcinogenic

### STOT-single exposure:

Not known.

### 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.

#### Assessment/classification:

harmless to aquatic organisms up to the tested concentration

### 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.

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### 13.2. Additional information

No data available

## SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

### 14.1. UN-No.

not relevant

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

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

#### Description:

Classification according to VwVwS, Annex 4.

### 15.2. Chemical Safety Assessment

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

### 15.3. Additional information

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

(previous version: 2013.1 )

15.09.2015 Version: 2015.1

Indication of changes

None.

### 16.2. Abbreviations and acronyms

No data available

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

No data available

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## CURTIS Entschäumer AF 70\_2

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

#### Classification according to Regulation (EC) No 1272/2008 [CLP]:

This substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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

No data available

### 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.