

Trade name: Alumen ad us.vet.crist

Substance number: 060652

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 04.10.19

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

### **1.1. Product identifier**

Alumen ad us.vet.crist

Item No. 06065200

### **Substance / product identification**

CAS-No. 7784-24-9

EINECS-No. 233-141-3

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

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification**

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

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

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **SECTION 3: Composition/information on ingredients**

### **Other information**

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

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid

#### **After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### **After skin contact**

Wash off immediately with soap and water and rinse well.

#### **After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.).

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**After ingestion**

By continuous complaints consult a physician.

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

Extinguishing measures to suit surroundings, Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

**Non suitable extinguishing media**

Full water jet

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

In the event of fire the following can be released: Sulfuroxides (SO<sub>x</sub>)

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear full protective suit.

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

Avoid dust formation. Do not inhale dust.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

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

Pick up mechanically.

**6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

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

Avoid dust formation. Provide exhaust ventilation if dust is formed.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

No special requirements.

**Further information on storage conditions**

None.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

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**General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Do not inhale dust/fumes/mist.

**Respiratory protection**

Breathing apparatus in the event of aerosol, mist or fume formation. Particle filter half mask, filter P1

**Hand protection**

Gloves

Appropriate Material	Natural Latex		
Material thickness	0.5	mm	
Breakthrough time	>= 8	h	
Appropriate Material	Polychloroprene		
Material thickness	0.5	mm	
Breakthrough time	>= 8	h	
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.35	mm	
Breakthrough time	>= 8	h	
Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.4	mm	
Breakthrough time	>= 8	h	
Appropriate Material	Fluoro carbon rubber - FKM		
Material thickness	0.4	mm	
Breakthrough time	>= 8	h	
Appropriate Material	PVC		
Material thickness	0.5	mm	
Breakthrough time	>= 8	h	

**Eye protection**

Tightly fitting safety glasses

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	crystalline		
<b>Colour</b>	white		
<b>Odour</b>	odourless		
<b>pH value</b>			
Value	2.8	to	3.5
Concentration/H <sub>2</sub> O	100	g/l	
Temperature	20	°C	
<b>Melting point</b>			
Value	90		°C
<b>Initial boiling point and boiling range</b>			
Remarks	not determined		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Density</b>			
Value	1.76		g/cm <sup>3</sup>
Temperature	20	°C	
<b>Solubility in water</b>			
Value	105		g/l
Temperature	20	°C	
<b>Decomposition temperature</b>			

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Remarks No decomposition if used as prescribed.

## 9.2. Other information

### Bulk density

Value appr. 1000 kg/m<sup>3</sup>

### Other information

The product is not combustible. The product is not dangerous for explosions.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No decomposition if stored and applied as directed.

### 10.2. Chemical stability

No decomposition if stored and applied as directed.

### 10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

### 10.4. Conditions to avoid

No decomposition if stored and applied as directed.

### 10.5. Incompatible materials

No dangerous reactions known.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Skin corrosion/irritation

Remarks Irritates the mucous membrane.

Remarks Irritating to skin.

#### Serious eye damage/irritation

evaluation irritant

#### Sensitization

Remarks No sensitisation effect known.

#### Other information

By appropriate use of the product no health damage is known.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Fish toxicity

Remarks No data available.

### 12.5. Results of PBT and vPvB assessment

#### Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

### 12.6. Other adverse effects

#### General information / ecology

Product is slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach

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ground water, water bodies or sewage system.

## **SECTION 13: Disposal considerations**

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

#### **Disposal recommendations for the product**

EWC waste code

No not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

Disposal in compliance with local and national regulations.

#### **Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

## **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

## **SECTION 15: Regulatory information**

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

#### **Water Hazard Class (Germany)**

Water Hazard Class      WGK 1  
(Germany)

## **SECTION 16: Other information**

### **Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.