

# Material Safety Data Sheet

according to Regulation (EC) 1907/2006



**Product name :** Aminodermin CLR  
**Revision :** 05.04.2007      **Version :** 1.0.2  
**Print date :** 25.10.2007

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## 01. Identification of the substance/preparation and of the company/undertaking

**Product name :** Aminodermin CLR  
**Use of the substance / preparation :** Active for cosmetics  
**Manufacturer/Supplier :** CLR Chemisches Laboratorium  
Dr. Kurt Richter GmbH  
**Street/P.O.Box :** Bennigsenstrasse 25  
**Country code/Postal code/Town/City :** D-12159 Berlin  
**Telephone :** +49 30 851026 0  
**Telefax :** +49 30 851026 85  
**Contact :** Sales department CLR  
**Emergency information :** +49 30 851026 0

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## 02. Hazards identification

### Hazard designation

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directiv. 67/548/EEC .

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## 03. Composition/information on ingredients

### Chemical characterization

Mixture predominantly composed of sulphurous amino acids in stabilized form.

### Hazardous components

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## 04. First-aid measures

### After inhalation

Let in fresh air.

### After skin contact

Flush with plenty of water.

### After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.).

### After ingestion

Do not induce vomiting - call a physician.

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## 05. Fire-fighting measures

### Suitable extinguishing media

Foam, CO2, powder extinguisher, water haze, water spray jet.

### Unsuitable extinguishing media

None known.

### Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

In case of fire toxic gases may be formed.

### Special protective equipment

In case of fire do not breathe fumes Appropriate breathing apparatus may be required.

### Additional information

Do not allow the quenching water into the sewage system.

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## 06. Accidental release measures

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## Personal precautions

Take the precautions customary when handling chemicals.

## Environmental precautions

Do not empty into drains.

## Methods for cleaning up/collecting

Take up mechanically.

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## 07. Handling and storage

### Information for safe handling

Protect from light, store in tightly sealed containers and keep at temperatures of 15 - 25 °C.

### Information about protection against explosions and fires

Avoid dust development, danger of dust explosion. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.

### Further information about storage conditions

**Storage class (VCI) :** 13

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## 08. Exposure controls/personal protection

### Personal protective equipment

#### General protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed.

#### Respiratory protection

Avoid inhaling the powder.

#### Hand protection

Use protective gloves.

#### Eye protection

Use tightly fitting safety glasses.

#### Body protection

No particular measures required.

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## 09. Physical and chemical properties

### Image

**Form :** Powder.  
**Colour :** White.  
**Odour :** Characteristic.

### Relevant safety data

<b>Physical state :</b>			solid
<b>Boiling point / range :</b>	( 1013 hPa )		not applicable °C
<b>Decomposition point / range :</b>		>	200 °C
<b>Flash point :</b>			not applicable °C
<b>Vapour pressure :</b>	( 50 °C )		no data available hPa
<b>Density :</b>	( 20 °C )	ca.	0,405 g/cm <sup>3</sup>
<b>Solvent-separation test :</b>	( 20 °C )		no data available %
<b>Solubility in water :</b>	( 20 °C )	ca.	30 g/l
<b>pH value :</b>	( 20 °C / 20 g/l )	ca.	3
<b>Viscosity :</b>	( 20 °C )		not applicable mPa.s

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## 10. Stability and reactivity

### Conditions to avoid

None, if handled according to order.

### Materials to avoid

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None known.

## Hazardous decomposition products

None known.

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## 11. Toxicological information

### Toxicological tests

#### LD50/LC50 values that are relevant for classification

Specification : LD-50  
Routes of entry : oral  
Test species : Rat  
Value / dosage : 12600 mg/kg  
Findings : not toxic

#### Primary irritant effect

Specification : Irritating to eyes  
Test species : Rabbit  
Findings : Not irritant  
Testing method : Draize test (0.2%, water)

Specification : Irritating to skin  
Test species : Rabbit  
Findings : Not irritant  
Testing method : Draize test (0.2%, water)

The product is not irritant, if used at the recommended concentrations

#### Sensitization

Specification : Sensitisation  
Test species : Guinea pig  
Findings : Not sensitizing  
Testing method : DGF method (50% suspension in water)

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## 12. Ecological information

### Details on elimination (persistence / degradability)

The product is biodegradable.

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## 13. Disposal considerations

### Product

In accordance with local official regulations. Pass on to an appropriate incinerating plant or depository or recycling.

### Contaminated packaging

#### Recommendation

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

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## 14. Transport information

### Land transport ADR/RID

#### Classification

Class : -

### Maritime transport IMDG/GGVSea

#### Classification

IMDG-Code : -

### Air transport ICAO-TI and IATA-DGR

#### Classification

Class : -

### Additional transport information

The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

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### **15. Regulatory information**

#### **Classification according to EC directives**

According to our data the product is not dangerous with respect to the German chemical law and the meaning of directive 67/548/EEC .

#### **National regulatory information**

##### **Water pollution classification**

Class : 1 according VwVwS

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### **16. Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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