

Trade name: Aluminiumhydroxide Gel getrocknet fine

Substance number: 060752

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

Aluminiumhydroxide Gel getrocknet fine

Item No. 06075200

Substance / product identification

CAS-No. 21645-51-2

EINECS-No. 244-792-7

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

Use of the substance/preparation

Manufacture of pharmaceutical products, Pharmaceutical excipient

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 EC directives/the relevant national laws.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients

Chemical characterization

Aluminiumhydroxide Gel getrocknet fine

Molecular weight

Value 78.00 g/mol

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

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After inhalation

Ensure supply of fresh air. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice.

After skin contact

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

After eye contact

In case of contact with eyes rinse thoroughly with water.

After ingestion

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water.

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

Water spray jet, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

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

Use self-contained breathing apparatus.

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

Avoid dust formation. Do not inhale dust. Use personal protective clothing.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

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

Provide exhaust ventilation if dust is formed.

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

Keep tightly closed in a dry and cool place.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Aluminium hydroxide**

List	SUVA	
Type	MAK	
Value	3	mg/m ³

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Status: 2017; Remarks: B; FormalkT; NIOSH

8.2. Exposure controls**General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

Respiratory protection

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

Hand protection

Protective gloves

Use

Permanent hand contact

Appropriate Material

nitrile rubber - NBR

Material thickness

0.11 mm

Breakthrough time

480 min

Eye protection

Safety glasses

Body protection

Protective clothing

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

solid

Melting point

Value

300

°C

Flash point

Remarks

Not applicable

Density

Value

2.42

g/cm³**Solubility in water**

Value

0.00009

g/l

Temperature

20

°C

Method

OECD 105

Remarks

insoluble

Partition coefficient: n-octanol/water**Aluminiumhydroxide Gel getrocknet fine**

Remarks

No data available

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

Stable under recommended storage and handling conditions (see section 7).

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

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strong acids

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity****Aluminiumhydroxide Gel getrocknet fine**

Species	rat (female)	
LD50	> 2000	mg/kg
Method	OECD 423	

Skin corrosion/irritation**Aluminiumhydroxide Gel getrocknet fine**

Species	rabbit	
Duration of exposure	4	h
evaluation	non-irritant	
Method	OECD 404	

Serious eye damage/irritation**Aluminiumhydroxide Gel getrocknet fine**

Species	rabbit eye
evaluation	non-irritant
Method	OECD 405

Sensitization**Aluminiumhydroxide Gel getrocknet fine**

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

Mutagenicity**Aluminiumhydroxide Gel getrocknet fine**

Species	mouse
evaluation	No mutagenicity according to various in vitro tests.

Aluminiumhydroxide Gel getrocknet fine

Species	rat (male)
evaluation	No mutagenicity in the micronucleus test.

Carcinogenicity**Aluminiumhydroxide Gel getrocknet fine**

Remarks	No evidence available on carcinogenicity.
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Specific Target Organ Toxicity (STOT)**Aluminiumhydroxide Gel getrocknet fine**

Remarks	not determined
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SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity****Aluminiumhydroxide Gel getrocknet fine**

Species	brook trout	
NOEC	> 0.07	mg/l

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Duration of exposure 96 h
Method OECD 203

Daphnia toxicity**Aluminiumhydroxide Gel getrocknet fine**

Species Daphnia magna
NOEC > 0.005 mg/l
Duration of exposure 48 h
Method OECD 202

Algae toxicity**Aluminiumhydroxide Gel getrocknet fine**

Species Pseudokirchneriella subcapitata
NOEC > 0.004 mg/l
Duration of exposure 72 h
Method OECD 201

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient: n-octanol/water**Aluminiumhydroxide Gel getrocknet fine**

Remarks No data available

12.4. Mobility in soil**General information**

not determined

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

not determined

Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

12.6. Other adverse effects**General information**

There is no data available on the product apart from the information given in this subsection.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

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	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.
14.5. Environmental hazards		no	

SECTION 15: Regulatory information

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.