

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

Product Code: Aluminium hydroxide phosphate	Version: 1.0	Date: 17.10.2018	Print Date: 17.10.2018
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### SECTION 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

#### 1.1 Product Identifiers:

Product code : Aluminium hydroxide phosphate

#### 1.2 Relevant identified uses of the substance and uses advised against:

Identified uses : Laboratory chemical

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

Aaron Chemistry GmbH  
Am Fischweiher 4143, 82481 Mittenwald, Germany  
phone: +49-8823-917521  
Fax: +49-8823-917523  
email: info@aaron-chemistry.de

**1.4 Emergency telephone number** : +49-8823-917521

### SECTION 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]  
Skin corrosion (Category 1B), H314

#### 2.2 Label elements

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



**Hazard pictograms**

**Signal word**

**Hazard statements**

Danger

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/ physician.

**Supplemental Hazard Statements.** None.

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

Range [%]	Substance
100	Aluminium hydroxide phosphate CAS 7784-30-7 EC 232-056-9 and CAS 22784-12-9

### SECTION 4 FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General information

Remove contaminated clothing immediately and dispose of safely.

##### Inhalation

Remove the victim into fresh air and keep him calm. Consult a physician.

##### Skin contact

In case of contact with skin wash off immediately with soap and water. Consult a physician.

##### Eye contact

In case of contact with eyes rinse thoroughly and immediately with plenty of water and seek medical advice.

##### Ingestion

Rinse out mouth and give plenty of water to drink. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

None known.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5 FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Water spray jet, Dry powder, Carbon dioxide, Alcohol-resistant foam.

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

No data available

**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear full protective suit. Do not inhale explosion and/or combustion gases.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment (protective gloves, safety glasses, protective clothing). Keep people away and stay on the upwind side. Do avoid any (skin) contact with the product. Avoid breathing dust.

**6.2 Environmental precautions**

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

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

Take up mechanically. Clean contaminated areas afterwards thoroughly. Dispose of absorbed material in accordance within the regulations.

**SECTION 7 HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat sources. Air/moisture sensitive.

**7.3 Specific end use(s)**

See product information.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

**Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body Protection**

Wear impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance:	white powder
b) Odour:	no data available
c) Odour threshold:	no data available
d) pH:	no data available
e) Melting point:	no data available
f) Initial boiling point and boiling range:	no data available
g) Flash point:	no data available
h) Evaporation rate:	no data available
i) Flammability (solid, gas):	no data available
j) Upper/lower flammability or explosive limits:	no data available
k) Vapour pressure:	no data available
l) Vapour density:	no data available
m) Relative density:	no data available
n) Water solubility:	no data available
o) Partition coefficient n-octanol/ water:	no data available
p) Autoignition temperature:	no data available
q) Decomposition temperature:	no data available
r) Viscosity:	no data available
s) Explosive properties:	no data available
t) Oxidizing properties:	no data available

### 9.2 Other information

none

## SECTION 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

No data available.

### 10.3 Possibility of hazardous reactions

Reacts violently with water.

### 10.4 Conditions to avoid

Moisture.

### 10.5 Incompatible materials

Metals.

### 10.6 Hazardous decomposition products

See section 5.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity** No data available.

**Skin corrosion/irritation Serious eye damage/eye irritation** No data available.

**Respiratory or skin sensitisation** - No data available.

**Germ cell mutagenicity** No data available

**Carcinogenicity** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity** Laboratory experiments have shown teratogenic effects. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

**Specific target organ toxicity - single exposure** No data available

**Specific target organ toxicity - repeated exposure** No data available.

**Aspiration hazard** No data available

**Additional Information** none

## SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity -	No data available.
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available

**12.5 Results of PBT and vPvB assessment** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted  
**12.6 General information** no data available

**SECTION 13 DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

**Product -** Dispose of as hazardous waste.  
**Contaminated packaging** Contaminated packing should be disposed of as product waste.

**SECTION 14 TRANSPORT INFORMATION**

<b>14.1 UN-Number</b>	ADR/RID: 1759	IMDG:1759	IATA: 1759
<b>14.2 UN proper shipping name</b>	ADR/RID: CORROSIVE SOLID, N.O.S. (Aluminium hydroxide phosphate) IMDG: CORROSIVE SOLID, N.O.S. (Aluminium hydroxide phosphate) IATA: CORROSIVE SOLID, N.O.S. (Aluminium hydroxide phosphate)		
<b>14.3 Transport hazard class(es)</b>	ADR/RID: 8	IMDG:8	IATA: 8
<b>14.4 Packaging group</b>	ADR/RID: II	IMDG:II	IATA: II
<b>14.5 Environmental hazards</b>	ADR/RID:no - IATA: no	IMDG:Marine pollutant: yes	
<b>14.6 Special precautions for users</b>	no data available		

**SECTION 15 REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

**15.2 Chemical Safety Assessment**

no data available

**SECTION 16 OTHER INFORMATION**

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aaron Chemistry GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.