

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

1.1. Product identifier

Chemical type : Substance
 Name : ALUMINUM PHOSPHATE GEL
 Trade name : ALUMINUM PHOSPHATE GEL
 EC no : 232-056-9
 CAS No. : 7784-30-7
 SDS CODE : E006

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

1.2.1. Relevant identified uses

Use of the substance/preparation : Food/ Pharmaceutical Products

1.2.2. Uses advised against

No reliable data available.

1.3. Details of the supplier of the safety data sheet

SPI Pharma
 Chemin du Vallon du Maire
 Septemes - France
 T 33 4 91 96 36 00 - F 33 4 91 65 39 03
CBlasquez@spipharma.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.1.2. Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

2.1.3. Adverse physicochemical, human health and environmental effects

No data available.

2.2. Label elements

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

No labelling applicable

2.2.2. Labelling according to Directive 67/548/EEC or 1999/45/EC

No labelling applicable

2.3. Other hazards

other hazards which do not result in classification : No data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Aluminium phosphate	(CAS No.) 7784-30-7 (EC no) 232-056-9	1 - 100	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aluminium phosphate	(CAS No.) 7784-30-7 (EC no) 232-056-9	1 - 100	Not classified

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.

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according to Regulation (EC) No. 453/2010

- First-aid measures after skin contact : Wash skin with plenty of water and soap. Seek medical attention if irritation develops.
First-aid measures after eye contact : Immediately rinse with plenty of water. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

- Symptoms/injuries after inhalation : Overexposure to dusts, mists or vapours may produce slight irritation of the respiratory system.
Symptoms/injuries after skin contact : Repeated or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact : Prolonged contact may cause slight irritation.
Symptoms/injuries after ingestion : Ingestion of small amounts would not be expected to produce toxicity.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media: : carbon dioxide (CO₂), dry chemical powder, foam. Water fog.
Unsuitable extinguishing media : Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : On combustion forms: aluminium oxide. Aluminium phosphate.
Explosion hazard : None known.
Reactivity : No data available.

5.3. Advice for firefighters

- Protective equipment for firefighters : Fully enclosed impervious protective suit with integral or tight-fitting gloves, boots, self-contained or supplied air respirator must be worn. Refer to section 8.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Refer to section 8.

6.1.2. For emergency responders

- Protective equipment : Refer to section 8.
Emergency procedures : Avoid generation of dust. Avoid release to the environment.

6.2. Environmental precautions

Do not flush down sewers. Do not discharge into drains or the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain and collect as any solid. If sweeping of a contaminated area is necessary, use a dust suppressant agent.
Methods for cleaning up : Ventilate affected area. Sweep up or vacuum up the product. Use of a moist absorbent is recommended. Avoid raising powdered materials into airborne dust.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes. Avoid raising powdered materials into airborne dust. Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities

- Storage condition(s) : Keep container tightly closed. Store at room temperature.
Incompatible materials : Strong acid. Oxidizing agents.

7.3. Specific end use(s)

Food/ Pharmaceutical Products.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Aluminium phosphate (7784-30-7)

Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³
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8.2. Exposure controls

- Appropriate engineering controls : Provide adequate ventilation to minimize dust concentrations.

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according to Regulation (EC) No. 453/2010

Personal protective equipment : Safety glasses. Gloves.



Hand protection : In case of repeated or prolonged contact wear gloves.
Eye protection : safety glasses with side-shields.
Skin and body protection : not necessary.
Respiratory protection : In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Paste.
Colour : white.
Odour : None.
Odour threshold : No data available
pH : No data available
pH solution : 6-7.2 % (Aqueous solution 1%)
Melting point : Not available °C
Solidification point : No data available
Boiling point : 105 °C Approx.
Flash point : Not available
Relat. evapor. rate comp. to butylacetate : No data available
Flammability (solid, gas) : Not applicable
Explosive limits : No data available
Vapour pressure : Not applicable
Relative vapour density at 20 °C : Not applicable
Relative density : No data available
Density : 1.1 g/ml
Solubility : Water: Slightly soluble in water
Log Pow : No data available
Self ignition temperature : Not available
Decomposition temperature : No data available
Viscosity : No data available

9.2. Other information

No reliable data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Product will not undergo polymerization.

10.4. Conditions to avoid

Avoid raising powdered materials into airborne dust.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

aluminium oxide. Aluminium phosphate.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

ALUMINUM PHOSPHATE GEL (7784-30-7)

ATE (oral)	2000 mg/kg
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Aluminium phosphate (7784-30-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 4640 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

ALUMINUM PHOSPHATE GEL (7784-30-7)	
LC50 fishes	(fish, 96 h) Not tested
LC50 other aquatic organisms	(micro-organisms, 5 h) Not tested
EC50 Daphnia	(daphnia, 48 h) Not tested
EC50 other aquatic organisms	(algae, 72 h) Not tested

12.2. Persistence and degradability

ALUMINUM PHOSPHATE GEL (7784-30-7)	
Persistence and degradability	Not applicable to inorganic substances.

12.3. Bioaccumulative potential

ALUMINUM PHOSPHATE GEL (7784-30-7)	
Bioaccumulative Potential	Not tested.

12.4. Mobility in soil

ALUMINUM PHOSPHATE GEL (7784-30-7)	
Ecology - soil	Not tested.

12.5. Results of PBT and vPvB assessment

ALUMINUM PHOSPHATE GEL (7784-30-7)	
Results of PBT assessment	No data available.

12.6. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.

Waste disposal recommendations : Disposal must be done according to official regulations.

SECTION 14: Transport information

Not a dangerous good in sense of transport regulations.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No reliable data available.

15.1.2. National regulations

No reliable data available.

15.2. Chemical safety assessment

No reliable data available.

SECTION 16: Other information

Sources of Key data : SDS.

Abbreviations and acronyms : ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials . CAS (Chemical Abstracts Service) number. CLP - Classification, Labelling and Packaging. CSR: Chemical Safety Report. EC - European Community. EEC: European Economic Community. GHS - Globally Harmonised System. IARC (International Agency for Research on Cancer). Overland transport (ADR). PVC (Polyvinyl chloride). REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. SDS - Safety Data Sheet.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.