

## Safety Data sheet

According to Directive 1907/2006

### 0661 ALUMINIUM POTASSIUM SULPHATE ANHYDROUS

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Creation Date: 01/12/2010 Revision date: 31/05/2017

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

### Identification of the product

Catalogue No: 0661 Product name: ALUMINIUM POTASSIUM SULPHATE ANHYDROUS Use of the substance: Analysis and chemical-pharmaceutical production.

### Company/undertaking identification

QUALITY CHEMICALS, SL - C/Fornal 35. Pol. Ind. Can Comelles Sud 08292 ESPARREGUERA ESPAÑA Tel. 937709730 Fax. 937709337 e-mail: dtecnica@qualitychemicals.com

### Emergency telephone No.

Quality Chemicals S.L. Tel. +34 937709730 Only in business hours. Instituto Nacional de Toxicología \*Madrid\* Tel:915620420 Chemtrec: 800-424-9300

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## 2. Hazards identification

Labelling in accordance with directive 1907/2006

Labelling in accordance with directive 1272/2008

Classified as not dangerous in accordance with directive 1999/45/CE  
Product not dangerous according to Regulation (EC) 1272/2008

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## 3. Composition/information on ingredients

For the full text of the R phrases mentioned in this section, see Section 16.

CAS-No.: 10043-67-1

Molecular Weight: 258,21

Chemical formula:  $\text{AlK}(\text{SO}_4)_2$

EC-No.: 233-141-3

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## 4. First aid measures

After skin contact:  
Rinse with abundant water (or have a shower)  
Undress immediately of the contaminated clothes

**After eye contact:**

Rinse with abundant water, keeping eyelids open (at least 10 min)  
Call the ophthalmologist

**After swallowing:**

Drink lots of water  
To cause vomit  
Call the doctor

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## 5. Fire-fighting measures

**Suitable extinguishing media:**

Adapt the materials of the surroundings

**Special risks:**

Fireproof  
In case of fire, SO<sub>x</sub> gas can be formed

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## 6. Accidental release measures

**Person-related precautionary measures:**

Do not inhale dust

**Procedures for cleaning/absorption:**

Dry cleaning. Proceed to the elimination of any waste.  
Rinse.

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## 7. Handling and storage

Handling: Without other exigencies

**Storage:**

Well closed  
Dry place.

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## 8. Exposure controls/personal protection

Exposure limit control  
TLV-TWA: 2 mg/m<sup>3</sup> (Al).

**Personal protective equipment:**

**Respiratory protection:**

Necessary respiratory protection in the presence of dust

**Hand protection:**

Needed  
Nitrile rubber

**Eye protection:**

Needed

**Other protective equipment:**

Change immediately contaminated clothes  
Wash hands when work is finished  
Fulfill the commitments under local environmental protection legislation

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## 9. Physical and chemical properties

Physical state: Solid  
Colour: White  
Odour: Odourless  
pH value: 3-3,5 (100 g/l water)  
Melting point: 92,5°C  
Boiling point: 200°C  
Solubility: 50 g/l (water, 20°C)

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## 10. Stability and reactivity

**Substances to be avoided:**

Strong oxidizing agents.

**Hazardous decomposition products:**

Sulphoxides.  
Aluminum oxide.

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## 11. Toxicological information

**After eye contact:**

Irritation

**After skin contact:**

Irritations

**After swallowing:**

Irritations of pharynx  
Irritations of gastrointestinal tract  
Irritations of mucous membranes in the mouth  
Irritations of oesophagus

**Further toxicological information:**

Take the usual precautions for handling chemical products

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## 12. Ecological information

No information available

Fishes: Toxic from 0.1 mg/l, 0,55 mg/l (very soft water) (12-hydrate)

Daphnia: Toxic from 136 mg/l (12-hydrate)

Algae: Scenedesmus quadricauda: toxic from 1,5 mg/l (12-hydrate)

**Other harmful effects:**

No ecological problems are to be expected when the product is handled and used with due care are attentio

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## 13. Disposal considerations

**Product:**

Dispose as regulated in the communitary countries by local regulations.

Please contact with the suitable authority in each case (Public Administration or company specialized in

**Packaging:**

Product packaging disposal must be disposed of in compliance with the respective local regulations. For contaminated packaging the same measures must be adopted as for the contaminated product. Not contaminated packaging must be disposed of as domestic residues or recycled material. European Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

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**14. Transport information**

Overland transport ADR/RID

Sea transport IMDG

Air transport ICAO-IATA-DGR

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**15. Regulatory information**

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**16. Other information**

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a guaranty of the properties of the product.