

Safety Data sheet

According to Directive 1907/2006

0661 ALUMINIUM POTASSIUM SULPHATE ANHYDROUS

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

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

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

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

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

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

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Fireproof
In case of fire, SO_x gas can be formed

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.

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed
Dry place.

8. Exposure controls/personal protection

Exposure limit control
TLV-TWA: 2 mg/m³ (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

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)

10. Stability and reactivity

Substances to be avoided:

Strong oxidizing agents.

Hazardous decomposition products:

Sulphoxides.
Aluminum oxide.

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

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

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

14. Transport information

Overland transport ADR/RID

Sea transport IMDG

Air transport ICAO-IATA-DGR

15. Regulatory information

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.