

Safety Data sheet

According to Directive 1907/2006

0967 ALUMINIUM CLORHIDE SOL.50% w/w

Creation Date: 00/00/0000 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 0967 Product name: ALUMINIUM CLORHIDE SOL.50% w/w Use of the substance: Analisis 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

2. Hazards identification

Labelling in accordance with directive 1907/2006



R-phrases

36/38 Irritating to eyes and skin.

S-phrases

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

Labelling in accordance with directive 1272/2008



H-phrases

319 Causes serious eye irritation.

315 Causes skin irritation.

P-phrases

309+311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

305+351 If in eyes: Rinse cautiously with water for several minutes.

338 Remove contact lenses, if present and easy to do. Continue rinsing

Signal word : WARNING

IRRITANT

R-phrases:

Irritating to eyes and skin.

3. Composition/information on ingredients

Short hazard description

ALUMINIUM CHLORIDE 6-HYDRATE (CAS-Nr. 7784-13-6, EINECS-Nr. 231-208-1) 49-51%

R-Phrases: 36/38

IRRITANT

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

CAS-No.: 7446-70-0

Molecular Weight: 241,45

Chemical formula: $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$

EC-No.: 231-208-1

R-phrases 36/38

For more information about the R-Phrases text you can consult the paragraph 16

4. First aid measures

After inhalation:

Fresh air

After skin contact:

Rinse with abundant water (or have a shower)

Get rid of the contaminated clothes

After eye contact:

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

Call the physician if sickness persists

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

The following may develop in event of fire: hydrochloric acid

6. Accidental release measures

Person-related precautionary measures:

Not to inhale steam/aerosols

Procedures for cleaning/absorption:

To gather with absorbents

To come to the elimination of the remainders

Rinse.

Environmental protection measures:

Do not allow to enter sewerage system

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed

8. Exposure controls/personal protection

Exposure limit control

ALUMINIUM CHLORIDE 6-HYDRATE

TLV-TWA: 2mg/m³ (Al)

Personal protective equipment:

Respiratory protection:

Necessary when steam/aerosols are generated

Hand protection:

Needed

Protection gloves:

Nitrile rubber

Eye protection:

Needed

Other protective equipment:

Change immediately contaminated clothes

Wash hands and face when the work is finished

Do not inhale the substance

Fulfill the commitments under local environmental protection legislation

9. Physical and chemical properties

Physical state: Liquid

Colour: Colourless to yellowish

Odour: Spicy

Density (g/cm³): 1,280

Solubility: Soluble in water

10. Stability and reactivity

Substances to be avoided:

Organic compounds.

Alkaline metals.

Hazardous decomposition products:

Hydrogen chloride.

11. Toxicological information

Quality Chemicals, S.L.

Inscrita en el Registro Mercantil de Barcelona,
tomo 30166, folio 195, Sección General, hoja 169845.
Identificación fiscal ES B61403242

Fornal, 35 - Pol. Ind. Can ComellesSud
Apdo. de Correos, 184
ES08292 Esparreguera (Barcelona)
Tel. (34) 93 770 97 30 - Fax (34) 93 770 93 37
customer-service@qualitychemicals.com - www.qualitychemicals.com

Acute toxicity:

DL50 (oral, rat): 3730 mg/Kg (pure substance)

After eye contact:

Irritation

After skin contact:

Irritations

After inhalation:

Irritations of the mucous membranes

Irritation of: respiratory tract

After swallowing:

Irritations of mucous membranes in the mouth

Irritations of pharynx

Irritations of oesophagus

Irritations of gastrointestinal tract

Further toxicological information:

Other dangerous characteristics are not discarded

Take the usual precautions for handling chemical products

12. Ecological information

Daphnia: Daphnia Magna EC50: 3,9 mg/l/48h

Other harmful effects:

Harmful effect due to pH shift

Acute ecotoxicity in the dumping area

13. Disposal considerations

Product:

Dispose as regulated in the community 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

Full text of R phrases mentioned in sections 2 and 3
36/38 Irritating to eyes and skin.

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.