

## Safety Data sheet

According to Directive 1907/2006

### 1098 ACID MIXTURE OF SALTS

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Creation Date: 03/01/2018 Revision date: 03/01/2018

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

### Identification of the product

Catalogue No: 1098 Product name: ACID MIXTURE OF SALTS 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



### H-phrases

318 Causes serious eye damage.

### P-phrases

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

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

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

Signal word : DANGER

Classified as not dangerous in accordance with directive 1999/45/CE

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## 3. Composition/information on ingredients

**Short hazard description**

SODIUM HYDROGEN SULPHATE ANHYDROUS (CAS-Nr. 7681-38-1, EINECS-Nr. 231-665-7) 90-1005

R-Phrases: 41

IRRITANT

SODIUM CHLORIDE (CAS-Nr. 7647-14-5, EINECS-Nr. 231-598-3) 1-10%

CITRIC ACID ANHYDROUS (CAS-Nr. 77-92-9, EINECS-Nr. 201-069-1) 1-10%

R-Phrases: 36

IRRITANT

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

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

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## 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

Extract the substance by means of cotton impregnated with polietilenglicol 400

**After eye contact:**

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

Call the ophthalmologist

**After swallowing:**

Drink several liters of water and avoid vomit (perforation risk)

Call the doctor

Do not carry out neutralization measures

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## 5. Fire-fighting measures

**Suitable extinguishing media:**

Adapt the materials of the surroundings

**Special risks:**

Fireproof

Ambient fire may liberate hazardous vapours

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

**Special protective equipment for fire fighting:**

Remain in the risk area only if provided with independent artificial respiratory systems.

In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

**Other information:**

Precipitate emergent steam with water

Avoid the penetration of the extinction water in superficial or subterranean aquifers.

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## 6. Accidental release measures

**Person-related precautionary measures:**

Avoid contact with the substance

Avoid dust formation

Do not inhale dust

**Procedures for cleaning/absorption:**

Dry cleaning. Proceed to the elimination of any waste.

Rinse.

**Environmental protection measures:**

Do not send it to the sewerage system

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## 7. Handling and storage

Handling: Without other exigencies

**Storage:**

Well closed

Dry place.

Storage temperature: without limits

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## 8. Exposure controls/personal protection

**Personal protective equipment:**

**Respiratory protection:**

Necessary respiratory protection in the presence of dust

**Hand protection:**

Needed

Protection gloves:

Nitrile rubber

**Eye protection:**

Needed

**Skin and body protection:**

Suitable protective clothing

**Other protective equipment:**

Change immediately contaminated clothes

Recommendable preventive protection of the skin

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: No data available

Dynamic viscosity: No data available

Ignition temperature: No data available

Explosion limits: No data available

Vapour pressure: No data available

Solubility: No data available

log P(ow): No data available

Decomposition temperature No data available

Partition coefficient n-octanol/water No data available

Relative density No data available

Autoignition temperature No data available

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## 10. Stability and reactivity

**Substances to be avoided:**

Strong oxidizing agents.

Metals.

Alcohols.

Reducing agents.

**Hazardous decomposition products:**

Sulphoxides.

**Further information:**

Strong heating (decomposition).

Hydrogen may form upon contact with metals.

Danger of explosion.

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## 11.Toxicological information

### Acute toxicity:

No data available

**After eye contact:**

Burns

**After skin contact:**

Burns

**After inhalation:**

Irritations of the mucous membranes

**After swallowing:**

Irritations of mucous membranes in the mouth

Irritations of pharynx

Irritations of oesophagus

Irritations of gastrointestinal tract

**Further toxicological information:**

Take the usual precautions for handling chemical products

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## 12.Ecological information

Fishes: No data available

Daphnia: No data available

Algae: No data available

Bacteria: No data available

Log P(ow): No data available

Degradability: No data available

BOD5 No data available

COD No data available

TOD No data available

**Other harmful effects:**

Harmful effect due to pH shift

Do not allow to enter waters, waste water, or soil

Product hardly pollutant for water

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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

## 14. Transport information

### Overland transport ADR/RID

UN: 3260  
Class: 8  
Packaging group: III  
Correct technical name: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.

### Sea transport IMDG

UN: 3260  
Class: 8/III  
Packaging group: III  
Correct technical name: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.

### Air transport ICAO-IATA-DGR

UN: 3260  
Class: 8  
Packaging group: III  
Correct technical name: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.  
CAO: 823  
PAX: 822

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## 15. Regulatory information

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## 16. Other information

Full text of R phrases mentioned in sections 2 and 3

41 Risk of serious damage to eyes.

36 Irritating to eyes.

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.