

## Safety Data sheet

According to Directive 1907/2006

### 3807 SODIUM SULPHATE 10-HYDRATE GMP

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Creation Date: 23/07/2015 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: 3807 Product name: SODIUM SULPHATE 10-HYDRATE GMP 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.: 7727-73-3

Molecular Weight: 322,19

Chemical formula:  $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$

EC-No.: 231-820-9

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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

**After eye contact:**

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

**After swallowing:**

Drink lots of water

Call the doctor

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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.

**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 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.

Store below 30°C

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## 8. Exposure controls/personal protection

Exposure limit control

MAK: 6 mg/m<sup>3</sup> (anhydrous substance)

**Personal protective equipment:**

**Respiratory protection:**

Necessary respiratory protection in the presence of dust

**Hand protection:**

Needed

Protection gloves:

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: Colourless

Odour: Odourless

pH value: 5,2-8,0 (50 g/l H<sub>2</sub>O)

Melting point: 32,4°C

Solubility: 420 g/l (water)

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## 10. Stability and reactivity

**Substances to be avoided:**

Aluminium.

Magnesium.

Acids.

**Hazardous decomposition products:**

Sulphoxides.

**Further information:**

Strong heating (decomposition).

Releases water of crystallization when heated.

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## 11. Toxicological information

**Acute toxicity:**

LD<sub>50</sub> (oral, rat): 3200-6400 mg/kg

**After eye contact:**

Slight irritation

**Further toxicological information:**

Take the usual precautions for handling chemical products

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## 12. Ecological information

Fishes: *Gambusia affinis* LC<sub>50</sub>: 120 mg/l /96 h (anhydrous substance)

Daphnia: *Daphnia magna* EC<sub>50</sub>: 2564 mg/l /48 h

Algae: *Sc. Cuadricauda* EC<sub>0</sub>: 44 mg/l

Bacteria: *Ps. putida* EC<sub>10</sub>: > 1000 mg/l /16 h

**Other harmful effects:**

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

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### 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

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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.