

Safety Data sheet

According to Directive 1907/2006

3853 di-SODIUM HYDROGEN PHOSPHATE 2-HYDRATE GMP

Creation Date: 26/07/2018 Revision date: 26/07/2018

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

Identification of the product

Catalogue No: 3853 Product name: di-SODIUM HYDROGEN PHOSPHATE 2-HYDRATE GMP Use of the substance: Analysis and chemical-pharmaceutical production. REACH registration Nr.: 01-2119489797-11-0039

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

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.: 10028-24-7

Molecular Weight: 178,00

Chemical formula: $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$

EC-No.: 231-448-7

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

5. Fire-fighting measures

Suitable extinguishing media:

Adapt the materials of the surroundings

Special risks:

Fireproof

Ambient fire may liberate hazardous vapours

The following may develop in event of fire: phosphorus oxides

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 penetration in superficial or subterraneous aquifers

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

7. Handling and storage

Handling: Without other exigencies

Storage:

Well closed

Dry place.

Storage temperature: without limits

8. Exposure controls/personal protection

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

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

9. Physical and chemical properties

Physical state: Solid

Colour: Colourless to white

Odour: Odourless

pH value: ca. 9,1-9,4 (50 g/l H₂O, 20°C).

Melting point: 244°C

Solubility: 93 g/l (water, 20°C).

log P(ow): -5,8 (anhydrous substance).

10. Stability and reactivity

Hazardous decomposition products:

Phosphorus oxides.

Further information:

To avoid heating.

11. Toxicological information

Acute toxicity:

LD50 (oral, rat): 17000 mg/kg (anhydrous substance).

After eye contact:

Slight irritation

After skin contact:

Slight irritation symptoms

Further toxicological information:

Take the usual precautions for handling chemical products

12. Ecological information

Fishes: *Gambusia affinis*, LC50: 467 mg/l/48h (anhydrous substance).

Daphnia: *Daphnia magna*, CE50: 1089 mg/l/48h (anhydrous substance).

Log P(ow): -5.8 (anhydrous substance).

Bioaccumulation: No bioaccumulation is to be expected.

Other harmful effects:

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

May contribute to the eutrophication of water supplies

13. Disposal considerations

Product:

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 Comelles Sud
Apdo. de Correos, 184
ES08292 Esparreguera (Barcelona)
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customer-service@qualitychemicals.com - www.qualitychemicals.com

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

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.