

Safety Data sheet

According to Directive 1907/2006

3540 SODIUM MOLYBDATE 2-HYDRATE GMP

Creation Date: 10/07/2014 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 3540 Product name: SODIUM MOLYBDATE 2-HYDRATE GMP Use of the substance: Analysis and chemical-pharmaceutical production. REACH registration Nr.: 01-2119489495-21-XXXX

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.: 10102-40-6

Molecular Weight: 241,95

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

EC-No.: 231-551-7

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

Other information:

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

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.

To avoid the inert dust formation

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

Exposure limit control

TLV-TWA: 5 mg/m³ (Mo)

Personal protective equipment:

Respiratory protection:

Necessary respiratory protection in the presence of dust

Hand protection:

Not necessary

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: 7-10 (840 g/l H₂O)

Melting point: 687°C

Solubility: 840 g/l (water)

10. Stability and reactivity

Substances to be avoided:

Magnesium in powder form.

Alkaline metals.

Oxidizing agents.

Hazardous decomposition products:

Toxic gases.

Further information:

Sensitive to moisture.

Heat-sensitive.

Releases water of crystallization when heated.

11. Toxicological information

Acute toxicity:

LD50 (oral, rat): 4233 mg/kg; LD50 (dermal, rat): >2000 mg/kg

After eye contact:

Slight irritation

After skin contact:

Causes poorly healing wounds

After inhalation:

Irritation of: respiratory tract

Coughing

Dyspnoea

After long contact:

Hepatic problems

Toxic effect on kidneys

After swallowing:

Nausea

Vomiting

Further toxicological information:

The precautions adapted for chemical agents must be observed

12. Ecological information

Quality Chemicals, S.L.

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

Fishes: Onchorhynchus mykiss LC50: 7600 mg/l /96 h
Daphnia: Daphnia magna EC50: 330 mg/l /48 h
Algae: Selenastrum capricornutum IC50: >100 mg/l /72 h
Bacteria: Ps. putida EC10: 50 mg/l /18 h

Other harmful effects:

No ecological problems are to be expected when the product is handled and used with due care and attention.
Do not allow to enter waters, waste water, or soil

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

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.