

Safety Data sheet

According to Directive 1907/2006

3509 SODIUM ACETATE 3-HYDRATE GMP

Creation Date: 26/11/2014 Revision date: 31/05/2017

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

Identification of the product

Catalogue No: 3509 Product name: SODIUM ACETATE 3-HYDRATE GMP Use of the substance: Analysis and chemical-pharmaceutical production REACH registration Nr.: 01-2119485123-42-0044

Company/undertaking identification

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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

3. Composition/information on ingredients

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

CAS-No.: 6131-90-4

Molecular Weight: 136,08

Chemical formula: $\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$

EC-No.: 204-823-8

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:

Water

Dust

Foam

Carbon dioxide

Special risks:

Combustible

Ambient fire may liberate hazardous vapours

Special protective equipment for fire fighting:

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

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

Avoid dust formation

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
Odour: Weakly acetic
pH value: 7,5-9,2 (50 g/l H₂O)
Melting point: 58°C
Ignition temperature: 607°C
Solubility: 613 g/l (water)
log P(ow): -4,22 (anhydrous)

10. Stability and reactivity

Substances to be avoided:

Fluorine.
Nitrates.

Hazardous decomposition products:

Acetic acid.

Further information:

To avoid heating.

11. Toxicological information

Acute toxicity:

LC₅₀ (inhalation, rat): > 30 mg/l/1h (anhydrous). LD₅₀ (oral, rat): 3530 mg/kg (anhydrous).

After eye contact:

Slight irritation

After skin contact:

Slight irritation symptoms

After inhalation:

Irritations of the mucous membranes

After long contact:

Stomach disorder
Intestinal disorder

Further toxicological information:

The precautions adapted for chemical agents must be observed

12. Ecological information

Fishes: *Lepomis macrochirus*: LC₅₀: 5000 mg/l/24h (anhydrous).

Daphnia: *Daphnia magna*: EC₅₀: >1000 mg/l/48h (anhydrous).

Bacteria: Pseudomonas putida: EC50: 7200 mg/l/18h (anhydrous).

Degradability: Readily biodegradable

Bioaccumulation: Slightly bioaccumulative.

Other harmful effects:

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.