

POCH Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH). Creation date / last update: 2002-10-15 / 2010-04-08

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

POTASSIUM SULFATE

Catalogue Numbers: *pure-745720422; pure p. a.-745720116; FP IV-745740738;*

Use of the substance / preparation: *for analysis for pharmacy*

POCH SA

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2. Hazard identification

No hazardous product as specified in Directive 67/548/EEC.

3. Composition/information on ingredients

CAS-No.: 7778-80-5

Molecular mass: 174.27

Molecular formula: K_2SO_4

WE Number: 231-915-5

4. First aid measures

After eye contact: *rinse out with water with the eyelid held wide open*

After skin contact: *wash off with plenty of water, remove contaminated clothing*

After swallowing: *consult doctor if victim feeling unwell.*

After inhalation: *fresh air.*

5. Fire-fighting measures

Suitable extinguishing media: *in adaption to materials stored in the immediate neighbourhood*

Special risk: *no further requirements*

Special protective equipment for fire fighting: *May emit dangerous gases in event of fire: sulfur oxides.*

Other information: *non-combustible*

Prevent fire-fighting water from entering surface water or groundwater. Cool container with spray water from a safe distance.

Contain escaping vapours with water.

6. Accidental release measures

Avoid generation of dusts. Do not inhale dusts. Take up dry. Forward for disposal. Clean up affected area.

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7. Handling and storage

Handling: *Use with adequate ventilation. Use of the basic principles of Industrial Hygiene. Use according to good industry practice. Work under hood. Do not inhale substance. Do not empty into sewerage system. Use protective equipment according to p.8. Avoid skin contact.*

Storage: *tightly closed. Dry place. Room temperature (At +15 to +25 deg C).*

8. Exposure controls/personal protection

Specific control parameter: *no determined.*

Provide exhaust ventilation. Ensure the eye wash station and safety showers. Protective equipment should be selected for the working place, depending on concentration and quantity of the hazardous product handled. The resistance of the protective clothing to chemicals should be ascertained with respective supplier.

Personal protective equipment:

respiratory protection: *no required.*

eye protection: *required - safety goggles.*

hand protection: *no required.*

body protection: *no required.*

industrial hygiene: *immediately change contaminated clothing. Apply skin - protective barrier cream. Wash hands and face after working with substance.*



9. Physical and chemical properties

Form: *solid*

Colour: *white*

Odour: *odourless*

pH value: *5,5 - 7,5 (50 g/l H₂O, 20°C)*

Melting point: *1069°C*

Boiling point: *1689°C*

Autoignition temperature: *not applicable*

Flash point: *not applicable*

Explosion limit: *not applicable*

lower:

upper:

dynamic viscosity:

kinematical viscosity:

Vapour pressure: *not available*

Density: *2,66 g/cm³*

Bulk density: *1400 kg/m³*

Solubility:

in water: *110 g/l (20°C), 240 (100°C)*

in organic solvents: *not available*

log P(w/o):

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10. Stability and reactivity

Conditions to be avoided: *no further requirements*

Substances to be avoided: *no further informations*

Hazardous decomposition products: *no information available*

Other information: *no further informations*

11. Toxicological information

Toxicological information: *LD50(oral, rat): 6600 mg/kg*

Other information: *No information available.*

12. Ecological information

Toxicity: Fish: *L. macrochirus LC50: 3550 mg/l/96h. Daphnia: Daphnia magna EC50: 890 mg/l/48h. Algae: Desmodesmus subspicatus IC50: 2900 mg/l/72h. No ecological problems are to be expected when the product is handled and used with due care and attention.*

13. Disposal considerations

POCH product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Handle contaminated packing in the same way as the substrate itself. Always contact a permitted waste disposal to assure compliance with all current local, state and federal regulations.

14. Transport information

ADR Class and package group: *no subject to transport regulations*

UN Number: *not applicable*

Name (acc. to UN): *not applicable*

15. Regulatory information

Labelling according to EC Directives.

Symbol: *no classification;*

R-phrases: *not applicable;*

S-phrases: *not applicable;*

16. Other information

Reason for alteration: *general update.*

Informations contained in this SDS while accurate to the best knowledge