

POCH Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH). Creation date / last update: 2002-10-15 / 2005-05-18

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

PHENOLDISULPHONIC ACID SOLUTION 25% IN SULPHURIC ACID

Catalogue Numbers: *pure-548103424;*

Use of the substance / preparation: *for synthesis*

POCH SA

44-101 Gliwice, Sowinskiego Str. 11

tel.: +48 32 23-92-381; fax: +48 32 23-92-370; e-mail: export@poch.com.pl

Emergency telephone no: +48 606-659-006

2. Hazard identification

Causes severe burns.

3. Composition/information on ingredients

Synonyms: *Hazardous ingredients: PHENOLDISULPHONIC ACID CAS: 96-77-6, WE No:202-533-6, Classification C,2:34 content 25%;
SULPHURIC ACID CAS: 7664-93-9, WE No: 231-639-5, Ind.No: 016-020-00-8, Classification R:35 content 75%*

CAS-No.: 96-77-5

Molecular mass: *not applicable*

Molecular formula: $C_6H_6O_7S_2$

WE Number: 202-533-6

4. First aid measures

After eye contact: *rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Call in ophtalmologist.*

After skin contact: *wash off with plenty of water. Dab with polyethylene glycol 400. Remove contaminated clothing.*

After swallowing: *make victim drink plenty of water. Avoid vomiting (risk of perforation). Immediately summon doctor.*

After inhalation: *fresh air. Summon doctor if victim feeling unwell.*

5. Fire-fighting measures

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

Special risk: *Development of hazardous gases or vapours possible in the event of fire: sulphuric oxides.*

Special protective equipment for fire fighting:

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

Do not inhale vapours/aerosols. Take up with liquid- absorbent material. Forward for disposal. Clean up affected area.

PHENOLDISULPHONIC ACID SOLUTION 25% IN SULPHURIC ACID

7. Handling and storage

Handling: *do not add water to substance. 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 well-ventilated place. Protect from heat and light. At +15 to 25 deg C.*

8. Exposure controls/personal protection

Specific control parameter: *sulfuric acid - max. workplace conc.: 1 mg/m³, peak limit: 3 mg/m³.*

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: *required when vapours/aerosols are generated - gas mask with specific absorber.*

eye protection: *required - safety goggles.*

hand protection: *required - protective clothing.*

body protection: *required - protective clothing.*

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: *liquid*

Colour: *yellowish*

Odour: *phenol-like*

pH value: *strong acidic*

Melting point: *not available*

Boiling point: *not available*

Autoignition temperature: *not applicable*

Flash point: *not applicable*

Explosion limit: *not applicable*

lower:

upper:

dynamic viscosity:

kinematical viscosity:

Vapour pressure: *not available*

Density: *not available*

Bulk density: *not applicable*

Solubility:

in water: *freely soluble*

in organic solvents: *not available*

log P(w/o):

PHENOLDISULPHONIC ACID SOLUTION 25%
IN SULPHURIC ACID

10. Stability and reactivity

Conditions to be avoided: *no further requirements*

Substances to be avoided: *water, basics.*

Hazardous decomposition products: *no information available*

Other information: *no further informations*

11. Toxicological information

Toxicological information: *Quantitative data on the toxicity of this product are not available*

Other information: *Strongly corrosive substance; After skin contact: burns; After eye contact: burns, risk of blindness; After swallowing: burns pharynx and stomach, risk of perforation. The product should be handled with the care usual when dealing with chemicals.*

12. Ecological information

Quantitative data on the ecological effect of this product are not available. Harmful effect due to pH shift. Do not allow to enter waters, waste water or soil!



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: *8,II*

UN Number: *2584*

Name (acc. to UN): *arylsulphonic acids, liquid*

15. Regulatory information

Labelling according to EC Directives.

Symbol: *C; Corrosive.*

R-phrases: *35; Causes severe burns.*

S-phrases: *24/25-30-45; Never add water to this product. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Avoid contact with skin and eyes.*

16. Other information

Reason for alteration: *general update.*

Informations contained in this SDS while accurate to the best knowledge