

SAFETY DATA SHEET

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

Identification of the product

Catalogue No: 30307

ID No.: 1041000

Product name: Sulphamic acid GPR

Manufacturer/supplier identification

Company: 12 Valentine Place
London SE1 8QH

Emergency telephone No.:

2. Composition/information on ingredients

Chemical characterization

Inorganic solid

Product name: Sulphamic acid

CAS number: 5329-14-6

EEC-No.: 226-218-8

3. Hazards identification

Irritating to eyes and skin.

4. First aid measures

Eye contact: Irrigate thoroughly with water for at least 10 minutes. OBTAIN MEDICAL ATTENTION.

Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Special risks:

May evolve toxic fumes in fire.

Suitable extinguishing media:

Not applicable

6. Accidental release measures

Wear appropriate protective clothing.

Spread soda ash liberally over the spillage. If local regulations permit, mop up cautiously with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with water.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Handling:

Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. Exposure controls/personal protection

As appropriate to quantity handled.

Respirator: Dust respirator

Ventilation: Extraction hood

Gloves: Rubber or plastic

Eye Protection: Goggles or face-shield

Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

9. Physical and chemical properties

Form:	solid
Colour:	white
Odour:	odourless
Melting temperature	205°C
Boiling temperature	Not applicable
Density (g/ml)	Not available
pH value	1 (50g/l H ₂ O)
Solubility in water	Very soluble
Flash point	Not applicable

10. Stability and reactivity

Stable.

Substances to be avoided

halogens, bases, oxidizing agents, metals/water.

Hazardous decomposition products

sulfur dioxide, ammonia, nitrous gases, sulfur oxides.

11. Toxicological information

When dusts are generated: After inhalation: Irritation of the mucous membranes, coughing, and dyspnoea.

After skin contact: Irritation.

After eye contact: Severe irritation.

After ingestion: Irritation of mucous membranes in the mouth, pharynx, oesophagus, and gastrointestinal tract.

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

Further data

LD50 3160 mg/kg oral, rat.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

12. Ecological information

Quantitative data on the ecological effect of this product are not available. Do not allow to enter drinking water supplies, waste water, or soil! Toxic for aquatic organisms Harmful effect due to pH shift.

13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

14. Transport information

UN-No.: 2967

IMO: 8/2967

IATA: 2967

Correct technical name: SULPHAMIC ACID

ADR/RID: 8,16(c)

IMDG class: 8

Packaging group: III

Packaging group: III

15. Regulatory information

Labelling according to EEC directives

Symbol: Xi Irritant.

R-phrases: R36/38

Irritating to eyes and skin.

S-phrases: S26-28

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of

EEC-No.: 226-218-8

Local Regulations

UK Exposure Limits: None assigned

16. Other information

Reason for alteration: Changes in Section : 14

Supercedes issue of 18/08/94

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