

SAFETY DATA SHEET

Date of issue: 18/08/94

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

Identification of the product

Catalogue No: 37051 ID No.: 3705100

Product name: Creatinine zinc chloride

Manufacturer/supplier identification

Company: VWR International Ltd., Merck House, Poole, Dorset, BH15 1TD, England

Telephone: + 44 (0) 1202 669700 Telefax: + 44 (0) 1202 665599

Emergency telephone No.: +44 (0) 1202 669700

2. Composition/information on ingredients

Chemical characterization

Organic solid

Product name: Creatinine zinc chloride

CAS number: 16045-72-0 EC-No.:

3. Hazards identification

4. First aid measures

- Eye contact: Irrigate thoroughly with water. If discomfort persists obtain medical attention.
- Inhalation: Remove from exposure.
- Skin contact: Wash off thoroughly with soap and water.
- Ingestion: Wash out mouth thoroughly with water. In severe cases 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.

Mix with sand, transfer carefully to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

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

UK Exposure Limits:

None assigned

Personal protective equipment:

As appropriate to the situation and the 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

General information:

Product description

White crystalline powder

Health, safety and environmental information:

Melting temperature n/a
Boiling temperature n/a
Density(g/ml) n/a
Vapour pressure n/a
Relative vapour density: n/a

Solubility in water Immiscible or insoluble

 $Flash point & n/a \\ Explosion limits: lower: & n/a \\ Auto-ignition temperature & n/a \\$

10. Stability and reactivity

Stable.

No data

11. Toxicological information

May be harmful if ingested in quantity. Irritating to eyes.

Further data

No data

We have no evidence of carcinogenic effects. We have no evidence of mutagenic or teratogenic effects.

12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

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

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC directives

Local Regulations

16. Other information

Date of issue: 18/08/94 Date of print: 04/09/02