



## SAFETY DATA SHEET

Date of issue: 13/01/06

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

#### *Identification of the product*

Catalogue No: P27810

ID No.: 1024100

Product name: **Sodium chloride, Normapur**

Use of the substance/preparation: General chemical reagent

#### *Manufacturer/supplier identification*

Company: VWR International Ltd., Hunter Boulevard, Lutterworth,  
Leics, LE17 4XN, England  
Telephone : + 44 (0) 1455 207000    Telefax : + 44 (0) 1455 558586  
E-mail: product.support@uk.vwr.com

Emergency telephone No.: + 44 (0) 1455 207000

### 2. Hazards identification

Not classified as dangerous according to EC Directives.

### 3. Composition/information on ingredients

#### *Chemical characterization*

Inorganic salt

Product name: Sodium chloride

CAS number: 7647-14-5

EC-No.: 231-598-3

Molecular formula: NaCl = 58.44 g/mol

### 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:*

Not combustible.

#### *Suitable extinguishing media:*

To suit environment.

## 6. Accidental release measures

Wear appropriate protective clothing.

Small amounts (<500 g): If local regulations permit, mop up 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 detergent and 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:*

Change contaminated clothing. Wash hands after working with substance.

### *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 when dusts are generated.
- Ventilation: Extraction hood when dusts are generated.
- 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:*

Form:	solid
Colour:	colourless to white
Odour:	odourless

### *Health, safety and environmental information:*

Melting temperature	801°C
Boiling temperature	1416°C
Density(g/ml)	2.17
Solubility in water	Very soluble (358 g/l, 20°C)
pH value	6 - 9 (Solution in water, 50 g/l, 20°C)
Flash point	Not applicable
Flammability:	Not combustible.

## 10. Stability and reactivity

Stable.

No data

## 11. Toxicological information

No toxic effects are to be expected when handled properly.

- After ingestion of large amounts: nausea, vomiting, spasms.
- After eye contact: local irritation symptoms

### *Further data*

LD50 (oral, rat): 3000 mg/kg

LD50 (dermal, rabbit): >10,000 mg/kg

Skin irritation test (rabbit):: Slight irritation

Eye irritation test (rabbit):: Slight irritation

Ames-Test: negative.

We have no evidence of carcinogenic effects.

Evidence of reproductive effects. (Causes effects under conditions that are likely to be irrelevant for normal handling and use.)

## 12. Ecological information

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

### *Further ecological data:*

Fish toxicity::

LC50 (P.promelas): 7650 mg/l/96h.

LC50 (L.macrochirus): 9675 mg/l/96h

Daphnia toxicity:

EC50 (Daphnia magna): 1000 mg/l/48h

## 13. Disposal considerations

Chemical residues are generally classified as hazardous or 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*

Not classified as dangerous according to EC Directives.

EC-No.: 231-598-3

*Local Regulations*

**16. Other information**

Revision.

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