

# SAFETY DATA SHEET

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

### Identification of the product

Catalogue No: 33021

ID No.: 3302100

Product name: di-Sodium tetraborate, fused anhydrous, GPR (borax glass powder)

### Manufacturer/supplier identification

Company: 12 Valentine Place  
London SE1 8QH

Emergency telephone No.:

## 2. Composition/information on ingredients

### Chemical characterization

Inorganic salt

Product name: di-Sodium tetraborate anhydrous

CAS number: 1330-43-4

EEC-No.: 215-540-4

## 3. Hazards identification

Harmful if swallowed.

## 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 applicable.

### Suitable extinguishing media:

Not applicable

## 6. Accidental release measures

Wear appropriate protective clothing.

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:

### 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	n/a
Boiling temperature	n/a
Density (g/ml)	n/a
Solubility in water	Soluble

## 10. Stability and reactivity

Stable.

Substances to be avoided  
metals in powder form.

## 11. Toxicological information

After ingestion: Rapid absorption.. Danger of skin absorption. Systemic effect: The following applies to boron compounds in general: resorption is followed by nausea and vomiting, agitation, spasms, CNS disorders, cardiovascular disorders.

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

Further data

LD50 2660 mg/kg oral, rat.

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

12. Ecological information

Do not allow to enter drinking water supplies, waste water, or soil! Herbicidal effect. The following applies to boron compounds in general: biological effects: boric acid developing as a result of hydrolysis toxic for aquatic organisms; fish: *Gambusia affinis* 96 h. LC50: 5600 mg/l; 24 h. LC50: 1800 mg/l; plants: toxic from 1 mg/l up.

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.:	IMDG class: NR
IMO: NR	Packaging group:
IATA: NR	Packaging group:
Correct technical name: NOT-RESTRICTED	
ADR/RID: NR	

15. Regulatory information

Labelling according to EEC directives

Symbol: Xn                      Harmful.

R-phrases: R22  
Harmful if swallowed.

S-phrases:

EEC-No.: 215-540-4

Local Regulations

UK Exposure Limits: OES, Long-term, mg/m<sup>3</sup>: 1 - diSodium tetraborate anhydrous

16. Other information

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