



## SAFETY DATA SHEET

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

#### *Identification of the product*

Catalogue No: P27831

ID No.: 1024200

Product name: **tri-Sodium citrate dihydrate, Ph.Eur.**

#### *Manufacturer/supplier identification*

Company: BDH Laboratory Supplies, Poole, Dorset, BH15 1TD, England  
Telephone : +44 (0) 1202 660444 Telefax : +44 (0) 1202 666856

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

### 2. Composition/information on ingredients

#### *Chemical characterization*

Inorganic salt

Product name: tri-Sodium citrate

CAS number: 6132-04-3

EC-No.: 200-675-3

### 3. Hazards identification

Not classified as dangerous according to EC Directives.

### 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:***

Combustible.

### ***Suitable extinguishing media:***

Water spray, foam, dry powder or carbon dioxide

## **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:***

No special precautions necessary.

### ***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 the situation and the quantity handled.

Respirator: Dust respirator when dusts are generated.

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:	colourless to white
Odour:	odourless

Melting temperature	150°C (anhydrous substance)
Boiling temperature	n/a
Density(g/ml)	1.76
pH value	7.5-9.5 (50g/l)
Solubility in water	Very soluble
Flash point	Not applicable
Explosion limits: lower:	No data
Auto-ignition temperature	No data

## 10. Stability and reactivity

Stable.

No data

## 11. Toxicological information

The data we have available are not sufficient to permit an industrial-toxicological assessment.

After eye contact: Slight irritation.

After ingestion of large amounts: bloody vomiting, disturbed electrolyte balance.

However, when handled properly, hazardous effects are unlikely to occur.

### *Further data*

No data

No evidence of carcinogenic properties. 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

UN-No.: Not subject to transport regulations.

IMDG class:

IMO:

Packaging group:

IATA:  
Correct technical name:  
ADR/RID:

Packaging group:

## **15. Regulatory information**

### *Labelling according to EC directives*

Symbol:

R-phrases: R99  
Not classified as dangerous according to EC Directives.

S-phrases:

EC-No.: 200-675-3

### *Local Regulations*

UK Exposure Limits: None assigned

## **16. Other information**

Revision.  
Supercedes issue of 18/08/94  
Changes in Section : 9,11

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