

## Material Safety Data Sheet

### 1. Identification of Substance, Preparation And Company

- **Product Details**

**Zinc Phosphate**

- **Manufacturer / Supplier**

COLOURTECH INDUSTRIES

- **Factory Address:**

Colourtech Industries  
Plot No. Ex. 12, Opp. CETP, 1st Phase,  
GIDC, Vapi - 396 195  
Valsad Dist., (Gujarat), INDIA.  
email: colourtechvapi@gmail.com  
phone: +91 260 2434771 / 2433771

### 2. Composition on Components

- **Chemical Composition:**

Tetrahydrate Zinc Phosphate  
 $Zn_3 (PO_4)_2 \cdot 2H_2O$

- **CAS No.: 7 -779-90-00**

- **C.I No.: 77964**

### 3. Hazardous Identification

- **Danger:**

No hazardous effects known on human beings.

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### 4. First Aid And Measures

- **After Inhalation:**  
If inhaled, move to fresh air. Aid in breathing, if necessary, and get medical attention.
- **After Eyes Contact:**  
Flush eye with flowing water. If irritation develops, consult an oculist.
- **After Skin Contact:**  
Wash affected skin with soap and water.
- **After Ingestion:**  
If swallowed, induce vomiting immediately as directed by the medical personnel.

### 5. Fire Fighting Measures

- **Suitable extinguishing Media:**  
No restriction

### 6. Special Protective Equipment

No Specific Requirement

### 7. Accidental Releases Measures

- **Personal Precautions:**  
Clean up with the appropriate personal equipment

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### 8. Environmental Precaution

- Do not sweep or wash in public stretches of water, of unknown discharge in respect with legal regulations.

### 9. Handling and storage

A moderately dry, well-ventilated area is considered adequate for handling and storage. Use proper personal equipments. Direct sources of heat must be avoided. Wash thoroughly after handling, keep away from food and feed products. Keep container closed.

### 10. Physical & chemical Properties

Image

Form:	Powder
Colour:	White
Odour:	Odourless
Relevant Safety Data Change in Condition	
Melting Point:	900 °C
Flash Point:	Inapplicable
Flammability:	Inapplicable
Explosive Properties:	Inapplicable
Vapour Pressure:	Not applicable
Specific Gravity:	3.3
Solubility in water (20°C):	0.03 g/l
pH value:	6 – 8

### 11. Stability and Reactivity

Stable under normal conditions of storage and use. Dust explosions are possible. Hazardous decomposition products are none (in case of proper processing).

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### 12. Toxicological information

Not hazardous to human being when properly used.

### 13. Ecological information Do not mix with waste water.

### 14. Disposal considerations Material

The product is practically insoluble in water and can be separated by sedimentation or filtration process. Avoid infiltration in waste water drainage or soil.

### 15. Regulatory information

To our present knowledge the product is not a substance subject to mandatory marking in accordance with EEC-Directive 67/548/EEC and 93/72/EEC.

### 16. Other Information

Department issuing data specification sheet:

- **Product safety department:**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.