



广西钦州志诚化工有限公司  
GUANGXI QINZHOU CAPITAL SUCCESS CHEMICAL CO., LTD.

## TECHNICAL DATA SHEET

### Product Identification

Commodity: Phosphoric Acid 85% Min Food Grade

Synonyms: Ortho-phosphoric Acid

CAS No: 7664-38-2

Molecular formula: H<sub>3</sub>PO<sub>4</sub>

Molecular Weight: 98.00

### Physical data

Appearance: Colorless, odorless liquid

Melting point: 21 °C

Boiling point: 158 °C

Vapor density: 3.4

Vapor pressure: 2.2 mm Hg at 20 °C

Specific gravity: 1.69 under 21°C

### Properties:

Corrosive, very harmful to eyes

### Packing:

35kgs, 330kgs, 1600 or 1700kgs net each per drum.

### Cautions during transportation:

Store in a well-ventilated place; handle with care to protect covers from falling off. Keep away from alkaline products. Exposure to sunlight is prohibited.

### How to handle with breakage and leakage:

Replace with new ones. Avoid contact with skins.

### How to treat in urgency:

To wash with soap and water in case of contact with skin

### Method of extinguishing fire:

Water, sand, and wearing anti-toxic protectors

### Remarks:

EC No: 231-633-2

EC Index No: 015-011-00-6

IMO Class: 8.0

UN number: 1805

IMDG CODE PAGE: 8115-2

EMS: F-A, S-B

MFAG: 7, 8

IMO PAGE NO.: T3T4TP1

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