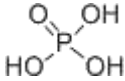


Technical Data Sheet

Basic information

Chemical name	Phosphorous acid	Formula	H3PO4
Synonyms	Phosphoric acid		
CAS.No.	7664-38-2	Chemical structure	
EINECS No.	215-171-9		
Molecular weight	98		

Physical properties

Appearance	Colorless or light yellow viscous liquid
Density,25℃,g/cm ³	1.685
Boiling point,℃	158
Melting point,℃	42
Refractive index	1.433
Solubility	Soluble in water and ethanol

Specification

Items	Technical Grade	Food Grade
Appearance	Colorless or light yellow viscous liquid	Colorless or light yellow viscous liquid
H3PO4, %	85.00	85.00
As, %	0.005	0.00005
Heavy Metal(as Pb), %	0.001	0.0005
F, %	/	0.001
H3PO3, %	/	0.012

Application

Food industry:

As a acidity regulator and nutrition agent for yeast, Phosphoric acid of food grade could be applied for flavors, canned food and light drinks as well as used in wine brewery as a nutrients source for yeast to prevent the reproduction of useless bacteria.

Technical industry:

phosphoric acid could be used to produce variety of phosphates, electrolyte treatment liquids or chemical treatment liquids, refractory mortar with phosphoric acid and inorganic coheretant. It is also used as a catalyst, drying agent and cleaner. In coating industry it is used as a rust-proof coating for metals.

Package

- 35kg/plastic drum, 25.9mt per 20'ft or 26.6mt per 20'ft;
- 1.65mt/IBC drum, 26.4mt per 20'ft;



Safety on transportation

It belongs to class 8 hazardous chemical goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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