

Product Datasheet

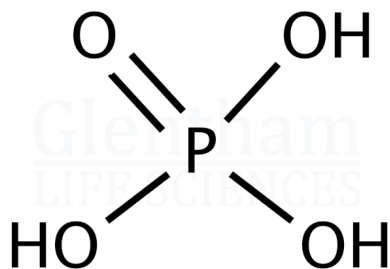
GK4212 - Phosphoric acid 85%

Product Details

Product Name	Phosphoric acid 85%
Glenthams Code	GK4212
CAS Number	7664-38-2
EINECS	231-633-2
MDL-Nummer	MFCD00011340
PubChem SID	310278947
Related Categories	Analytical Reagents, Inorganic Acids

Structure

Molecular Weight : 98.00
Molecular Formula : $\text{H}_3\text{O}_4\text{P}$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Skin Corr. 1B, Met. Corr. 1
Signal Word	Gefahr
Hazard Codes	H314, H290
Precautionary Codes	P305+P351+P338, P280, P310, P303+P361+P353

Pictograms



UN Number, Class, PG (RID) UN1805 - 8 - PG III

Glenthams Product Specification

Physical Description	: Clear, colourless liquid
Content	: 84.5 - 85.5 % (H_3PO_4)
Lead (Pb)	: $\leq 0.5\text{ppm}$
Arsenic (As)	: $\leq 0.5\text{ppm}$
Fluorine (F)	: $\leq 10\text{ppm}$
Cadmium (Cd)	: $\leq 0.2\text{ppm}$
Mercury (Hg)	: $\leq 0.05\text{ppm}$
Heavy Metals (as Pb)	: $\leq 5\text{ppm}$
Iron (Fe)	: $\leq 5\text{ppm}$
Copper (Cu)	: $\leq 1\text{ppm}$
Nickel (Ni)	: $\leq 1\text{ppm}$
Chlorine (Cl)	: $\leq 10\text{ppm}$
Sulphate (SO_4)	: $\leq 350\text{ppm}$
Volatile Acids	: $\leq 10\text{ppm}$ (as acetic acid)
Nitrates	: $\leq 5\text{ppm}$ (as NaNO_3)
Density	: 1.685 - 1.697 g/cm^3 (20°C)
Version	: v1.0

About Phosphoric acid 85%

No further details on record.

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