

Product Name**di-Sodium hydrogen phosphate dihydrate****Grade: USP****Synonyms**

Sodium phosphate dibasic, disodium phosphate

CAS Number

10028-24-7

General Information

Chemical formula:	Na ₂ HPO ₄ · 2H ₂ O	Molar Mass:	177.99 g/mol
Appearance:	Colorless liquid	Density:	2.1 g/cm ³ (20 °C)
Solub. in water:	93 g/l (20 °C)	Melting point:	> 92.5 °C
pH value:	9.0 - 9.4 (50 g/l, H ₂ O, 20 °C)	Thermal decomposition:	> 92.5 °C
Storage temp.:	Below +30 °C	Cautions:	Maybe irritant
R:	N/A	S:	N/A
HS-No.:	2835 22 900	EC-Index-No.:	231-448-7

Hazard Symbol**Specification**

Assay (by acidimetry)	≥	98.0 - 100.5	%
Chloride (Cl)	≤	0.06	%
Sulfate (SO ₄)	≤	0.2	%
Heavy metals (as Pb)	≤	20	ppm
Insoluble substances	≤	0.4	%
Loss on drying (130 °C)		18.5 - 21.5	%
Identification (Sodium)		Conforms	
Identification (Phosphate)		Conforms	
Arsenic	≤	16	ppm

Ordering Information

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
Plastic	421.04.01000.02	–	421.04.05000.02	421.04.10000.02	–
Glass	–	–	–	–	–