

Product Name**Sodium dihydrogen phosphate dihydrate****Grade: USP****Synonyms**

monobasic sodium phosphate, sodium biphosphate

CAS Number

10049-21-5

General Information

Chemical formula:	NaH ₂ PO ₄ · 2H ₂ O	Molar Mass:	156.01 g/mol
Appearance:	White solid	Density:	2.04 g/cm ³ (20 °C)
Solub. in water:	1103 g/l (20 °C)	Melting point:	100 °C (dehydration)
Boiling point:	158 °C	Flash point:	N/A
Storage temp.:	Below +30 °C	Cautions:	Maybe irritant
R:	36	S:	N/A
HS-No.:	2835 22 100	EC-Index-No.:	231-449-2

**Hazard Symbol****Specification**

Assay		98.0 - 103.0	%
pH (5 % in H ₂ O)		4.1 - 4.5	%
Chloride	≤	0.014	%
Sulfate	≤	0.15	%
Heavy metals (as Pb)	≤	20	ppm
Insoluble substances	≤	0.2	%
Identification (Sodium)		Conforms	
Identification (Phosphate)		Conforms	
Aluminum calcium and related elements		Conforms	
Arsenic	≤	8	ppm

Ordering Information

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
Plastic	422.04.01000.02	–	422.04.05000.02	422.04.10000.02	–
Glass	–	–	–	–	–