

Technical data sheet



Product name: **Tri-sodium phosphate dodecahydrate**

Grade: **Extra pure**

Chemical formula: $\text{Na}_3\text{PO}_4 \cdot 12 \text{H}_2\text{O}$

Molar mass: 380.13 g/mol

Synonyms: Sodium phosphate tribasic dodecahydrate; Sodium phosphate dodecahydrate

General information	
Cas- No.	10101-89-0
Ec-No.	231-509-8
Appearance	Colorless or white solid
Boiling point	N/A
Melting point	75 °C
Flash point	N/A
Spec.density	1.62 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	285 g/l (20°C)
Storage temp	≤+30 ° C
R:	36/38
S:	N/A

Specification	
Assay	≥97.5 %
Identity	conforms
Free alkali	≤ 2.5 %
In Water insolub matter	≤ 0.2 %
Chloride	≤ 0.01 %
Sulfate	≤ 0.01 %
Loss on ignition(800°C)	45.0-55.0 %
pH-value	11.5-12.5 (1%; water)
Bulk density	~.620 kg/m ³

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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