

Technical data sheet



Product name: **Sodium carbonate monohydrate**

Grade: **Extra pure**

Chemical formula: $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$

Molar mass: 124.00 g/mol

Synonyms: Soda monohydrate; Sodium Carbonate Monohydrate

General information	
Cas- No.	5968-11-6
Ec-No.	207-838-8
Appearance	white solid
Boiling point	1600°C (Decomposition)
Melting point	854 °C (anhydrous subs)
Flash point	N/A
Spec.density	2.250 g/cm ³ (20 °C)
Vapour pressure	N/A
Solub. In H ₂ O	210 g/l (20°C)
Storage temp	+2°C to +30°C
R:	36
S:	22-26

Specification	
Assay	83.0 - 87.5 %
Identity	conforms
Appearance of solution	conforms
Chloride	≤ 0.0125 %
Sulfate	☒ 0.0250 %
Residual solvents	conforms
Loss on drying (300 °C)	12.0 - 15.0 %
Bulk density	~820 kg/ m ³
pH-value	11 - 12 (50 g/l, H ₂ O, 25 °C)

Symbol:



packaging:

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



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