

**Product Name****Sodium hydrogen carbonate****Grade: Laboratory****Synonyms**

Baking soda, sodium bicarbonate, bicarbonate of soda

**CAS Number**

144-55-8

**General Information**

<b>Chemical formula:</b>	NaHCO <sub>3</sub>	<b>Molar Mass:</b>	84.01 g/mol
<b>Appearance:</b>	White solid	<b>Density:</b>	2.22 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	95.5 g/l (20 °C)	<b>Melting point:</b>	270 °C (decomposition)
<b>Boiling point:</b>	N/A	<b>Flash point:</b>	N/A
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Causes eye irritation
<b>R:</b>	N/A	<b>S:</b>	N/A
<b>HS-No.:</b>	2836 30 00	<b>EC-Index-No.:</b>	205-633-8

**Hazard Symbol****Specification**

Assay	99.0 - 100.5	%
Insoluble substances	Conforms	
Identification	Conforms	
Chloride (Cl)	≤ 0.015	%
Heavy metals (as Pb)	≤ 5	ppm
Loss on drying (silica gel)	≤ 0.25	%
Limit of ammonia	Conforms	

**Ordering Information**

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
<b>Plastic</b>	430.05.01000.02	–	430.05.05000.02	430.05.10000.02	–
<b>Glass</b>	–	–	–	–	–