

## Technical Data

# Sodium Bicarbonate

## No. 6

<b>Formula</b>	NaHCO <sub>3</sub>
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<b>Molecular Weight</b>	84.01
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**Chemical Abstract Services**

Name	Carbonic Acid Monosodium Salt
Number	144-55-8

**Particle Size Distribution**

Screen Size	Cumulative % Retained	
	Minimum	Maximum
USS 100 (150 μm)	85	100

**General Properties**

Typical bulk density, lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	66 (1058)
Particle density, g/cm <sup>3</sup>	2.22
pH of 1% solution @ 25°C (77°F)	8.3
Appearance	White crystalline powder
Thermal decomposition	Decomposes (without melting) into Na <sub>2</sub> CO <sub>3</sub> , H <sub>2</sub> O, and CO <sub>2</sub>

**Chemical Specifications**

	Specification
Assay (dry basis)	99.0% - 100.5%
Loss on drying	0.25% max

**Standard Containers**

Bulk hopper cars and trucks, Super Saks

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