

# Product Specification

## Product Name: SODIUM HYDROGEN CARBONATE LR

Alternate Name(s) Baking soda; bicarbonate of soda; sodium acid carbonate; sodium bicarbonate.

### Description

White powder or crystalline lumps; cooling slightly alkaline taste. M.P. loses carbon dioxide at 270 °C.

### Properties

Chemical Formula:  $\text{NaHCO}_3$

Molecular Weight: 84.01

Product Code: SL001

CAS No. 144-55-8

### General Information:

Insoluble in alcohol. Slowly decomposes in moist air. Incompatible with acids. Non combustible.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH6E

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 99.0% min

### Specific Properties and Impurities [Typical levels]:

pH  $\leq 8.6$   
Loss on drying  $\leq 0.2\%$   
Heavy metals (as Pb)  $\leq 0.001\%$

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