

TECHNICAL DATA SHEET

Sodium Bicarbonate | CAS 144-55-8

1. Product Identification

Product Name	Sodium Bicarbonate
CAS Number	144-55-8
Synonyms	Baking soda, Bicarbonate of soda, NaHCO ₃ , E500
Category	Base
Available Grades	Food Grade/Technical/99%/LR/AR
HSN Code	2836.30

2. Physical & Chemical Properties

Molecular Formula	NaHCO ₃
Molecular Weight	84.01
Appearance	White crystalline powder
Density	2200 kg/m ³
Boiling Point	50°C (d)
Melting Point	N/A
Flash Point	None
Solubility	9g/100ml water

3. Applications

• Food (baking powder) • Pharmaceutical antacid • Fire extinguisher • Water treatment • Chemical synthesis • Personal care

4. Industries Served

Food, Pharmaceutical, Chemical, Research

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.