

Technical Data

Sodium Bicarbonate

Coarse Granular No. 5

Formula NaHCO₃

Molecular Weight 84.01

Chemical Abstract Services
Name Carbonic Acid Monosodium Salt
Number 144-55-8

Particle Size Distribution

Screen Size	Cumulative % Retained	
	Minimum	Maximum
USS 60 (250 μm)	0	30
USS 100 (150 μm)	50	100
USS 170 (90 μm)	90	100

General Properties
 Typical bulk density, lb/ft³ (kg/m³) 66 (1058)
 Particle density, g/cm³ 2.22
 pH of 1% solution @ 25°C (77°F) 8.3
 Appearance White crystalline powder
 Thermal decomposition Decomposes (without melting) into Na₂CO₃, H₂O, and CO₂

Chemical Specifications

	Specification	
Assay (dry basis)	99.0% - 100.5%	99% minimum
Loss on drying	0.25% max	0.25% max

Standard Containers Bulk hopper cars and trucks, Super Saks

The information contained herein is, to our knowledge, true and accurate. Because conditions of use are beyond our control, we make no warranty or representation, expressed or implied, except that the products discussed herein conform to the chemical descriptions shown on their labels. Nothing contained herein should be construed as permission or recommendation to infringe any patent. No agent, representative, or employee of this company is authorized to vary any of the terms of this notice.

Tronox Alkali Corporation 1735 Market Street Philadelphia Pennsylvania 19103
 V1.0 04/2015