

Chemical Name: Sodium Bicarbonate
Country Of Origin: United States
Origin: Nahcolite
Formula: NaHCO₃
Molecular Weight: 84.01
CAS Name & Number: Sodium Hydrogen Carbonate/144-55-8
Description: White, Crystalline Powder
Grade: Feed Grade

Screen Analysis

| U. S. Std. Sieve No. | Cumulative Percent Retained | |
|----------------------|-----------------------------|---------|
| | Minimum | Maximum |
| +100 | 0 | 80 |
| +200 | 20 | 100 |
| +325 | 50 | 100 |

Bulk Density

Poured Typical Range: 60 - 75 lbs / ft³

Theoretical Properties: The following properties are provided for convenience and reference only. These properties are not normally tested in the commercial product and no representation is made relative to the commercial product.

Thermal Decomposition: Decomposes (without melting) into Na₂CO₃, H₂O, and CO₂
Alkali Equivalent: 1 lb. NaHCO₃ = 0.369 lb. Na₂O
Carbon Dioxide Equivalent: 1 lb. NaHCO₃ = 0.524 lb. CO₂
Specific Gravity: 2.16 g / cm³
Specific Heat @ 25 °C: 20.94 cal / deg mol
Solubility In Water @ 60 °C: 16.4 g / 100 g H₂O
Solubility In Other Solvents: Insoluble in Alcohol
Heat Of Formation: - 227.25 K cal / mol
Heat Of Solution: 3.81 K cal / mol
Sodium (Na): 27.1% Minimum
Taste: Slightly alkaline



Packaging::

Multi-wall Paper Bags: 25 kg, 50 lb
Super Sacks: 500 kg, 1000 kg, 2000 lb, 2450 lb
Bulk: Truck & rail

Shelf Life:

2 years from manufacturing date

Handling:

Information concerning the handling and use of this product is provided in a Safety Data Sheet (SDS). This SDS must be fully read and understood prior to any exposure, handling, or use of the product. It is the customer's responsibility to adhere to all handling, storage, and use guidelines.

Applications:

Animal feed.

Recommended Dosage:

1 kg / 1 MT