

Sodium Bicarbonate

AP Animal Feed Grade

Chemical Name: Sodium Bicarbonate

Chemical formula: NaHCO₃

Molecular weight: 84.007 g/mol

Appearance

White powder

Properties

This compound is insoluble in ethanol and slightly soluble in methanol and acetone. Sodium bicarbonate crystallizes in a monoclinic crystal lattice.

Usage

Generally used in movie production, tanning, mineral processing, smelting, metal heat treatment, fibre, rubber and animal feed industries.

Packing

Packed in P.P. woven bags of 25kg, 50kg net each with P.E. liner inside or 1,000kg, 1,100kg, 1,250kg jumbo bags.

Typical Properties

Total Alkalinity (NaHCO ₃)	99.2% Min.	Chloride (Cl)	0.4% Max.
Arsenic (As)	0.0001% Max.	Whiteness	85 Min.
Heavy Metals (Pb)	0.0005% Max.	NH ₄	- -
Loss on Ignition	0.2% Max.	Particle size 200 Mesh (74um)	80% Min. Remaining on Sieve
PH Value	8.6 Max. (10g /L)		

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Appearance

White powder

Properties

This compound is insoluble in ethanol and slightly soluble in methanol and acetone. Sodium bicarbonate crystallizes in a monoclinic crystal lattice.

Usage

Sodium Bicarbonate is widely used as leavening agent in food such as in in pancakes, cakes, quick breads, soda bread, and other baked and fried foods.

Packing

Packed in P.P. woven bags of 25kg, 50kg net each with P.E. liner inside or 1,000kg, 1,100kg, 1,250kg jumbo bags.

Typical Properties

Total Alkalinity (NAHCO ₃)	99.0 - 100.5% Min.	Chloride (Cl)	0.4% Max.
Arsenic (As)	≤0.0001% Max.	Whiteness	85 Min.
Heavy Metals (Pb)	≤0.0005% Max.	Ammonia	Conforms
Loss on Drying	0.2% Max.	Clarity	Conforms
PH Value	8.5 Max.	Particle size 200 Mesh (74um)	80% Min. Remaining on Sieve