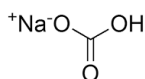


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Sodium Bicarbonate – Feed Grade

Sodium Bicarbonate - Sodium hydrogen carbonate; Baking soda; Sodium hydrogencarbonate; Sodium acid carbonate

CHEMICAL CHARACTERISTICS

CAS N°:	144-55-8
EINECS N°:	205-633-8
Molecular Formula:	NaHCO ₃ or CHNaO ₃
Molecular Weight (g/mol):	84.006
Physical Description:	Odorless white crystalline powder or colorless crystals
Melting Point (°C):	Decomposes around 50 °C
Water Solubility (25 °C):	100000 mg/L
Insoluble matter in water tests:	Passes the tests according to GOST 32802-2014

TECHNICAL PROPERTIES

Mass fraction of Sodium Bicarbonate, NaHCO ₃ , not less than %	99.3 % min
Mass fraction of Sodium Carbonate, Na ₂ CO ₃ , not more than %	0.7 % max
Mass fraction of ammonium salts in terms of NH ₄ ⁺ , not more than %	0.001
Mass fraction of Sodium, Na %	27.2
Mass fraction of substances insoluble in HCl, not more %	10.0
Mass fraction of Calcium (Ca), not more than %	0.05
Mass fraction of Chlorides calculated as NaCl, not more than %	0.04
Mass fraction of Sulfates calculated as SO ₄ ²⁻ , not more than %	0.02
Mass fraction of Iron (Fe), not more than %	0.005
Mass fraction of moisture, not more than %	0.2
pH of water solution with mass fraction 1%	8.0 – 8.6
Fluorine, F, not more than mg/kg	150
Arsenic, As, not more than mg/kg	2.0
Lead, Pb, not more than mg/kg	10.0
Mercury, Hg, not more than mg/kg	0.1
Cadmium, Cd, not more than mg/kg	2.0

APPLICATION

Feed industry - in production of feeds for all animal species (cattle, pig, poultry), as an anticaking agent, pH control agent and leavening agent.



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PACKING & STORAGE

Sodium bicarbonate is packed in 25 kg polypropylene bags, four-layer 25 kg paper bags with polyethylene liner, one-time use special big bag containers (4 sling) with a maximum mass of 1 ton.
 Sodium bicarbonate is stored in the manufacturer's packaging in dry heated storage rooms on wooden shelves or pallets at a temperature of 10°C to 30°C, relative humidity of 70%.

GUARANTEED SHELF LIFE

Recommended shelf life of sodium bicarbonate is 24 months (GOST 32802-2014) from the manufacture date.
 No expiry date when stored according to requirements.

TRANSPORT

Sodium bicarbonate can be transported by all types of transport (except aviation) in covered vehicles in accordance with Goods Transport Rules applicable for this vehicle type.

CERTIFICATION

Product safety is confirmed by the Safety Data Sheet, Feed Materials Assurance Scheme (FEMAS) Certificate.
 Sodium bicarbonate is registered in accordance with requirements of EC REACH regulations, registration number 01- 2119457606-32-0019.

By more information contact to: sales@dirox.com.uy

