



SODAKARBTM
SODIUM BICARBONATE
FOOD GRADE



TATA CHEMICALS LIMITED

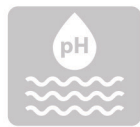


SODAKARB™
SODIUM BICARBONATE
FOOD GRADE

Sodakarb™ is a high quality food grade Sodium Bicarbonate from Tata Chemicals.

INDIA'S FIRST FSSAI CERTIFIED FOOD GRADE SODIUM BICARBONATE SETS NEW STANDARDS OF PURITY

Sodium Bicarbonate is one of the most versatile inorganic chemicals. Combining its excellent buffering & carbonation capabilities with high purity levels, Sodakarb™ is India's choice of food grade Sodium Bicarbonate.



**Assured
Alkalinity**



**Superior
Purity Profile**



**Unmatched
Whiteness**

APPLICATION:



BISCUITS/ COOKIES

- In presence of moisture, Sodakarb reacts with acidic ingredients to liberate carbon dioxide (CO₂) and decompose into sodium salt & water. These CO₂ bubbles act as the open and porous structure of the biscuit.
- Sodium Bicarbonate also acts towards adjusting the pH of the dough.



BREADS/ CAKES/ MUFFINS

- For soft dough products, acts as carbonation agent to provide leavening
- Often used in conjunction with one or more leavening acids to produce the desired reaction rate and finished pH
- Aids in surface browning



JAGGERY

- Used as clarifying agents to improve the colour profile and jaggery consistency



EFFERVESCENT TABLETS/ POWDERS

- Used with an acidic agent, such as citric or tartaric acid, to cause a reaction that produces carbon dioxide (CO₂)



MEAT PROCESSING

- Used for meat tenderizing purposes
- Moisture retention action



BEVERAGES

- Carbonated drinks
- Oral rehydration and energy drinks



PROCESSED FOOD

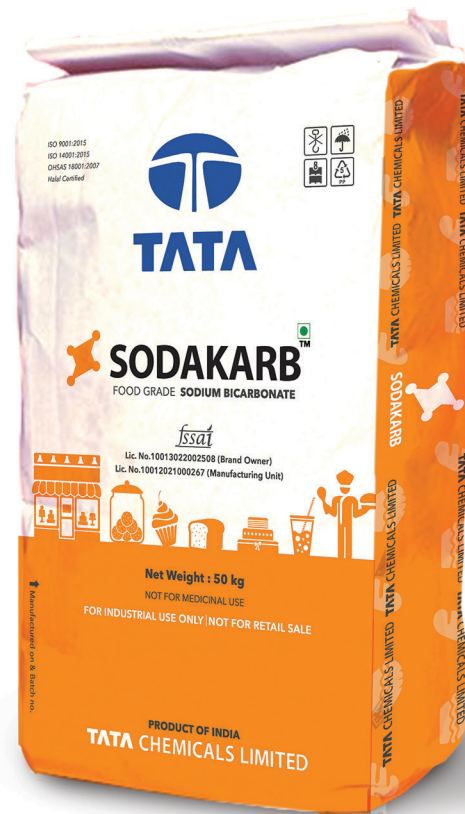
- Used in manufacturing of ready mixes, noodles, spice mixes



SPECIFICATIONS:

(Specifications are subject to change without prior notice)

PARAMETERS	ASSURED SPECS
Sodium Bicarbonate Assay (NaHCO ₃)	99.6 min
pH of freshly prepared 5% solution	8.4 max
Chloride	400 PPM max
Heavy metals (as Lead)	3 PPM max
Arsenic	1.5 PPM max
Sulphate (So ₄)	500 PPM max
Iron (Fe)	40 PPM max
Copper (Cu)	30 PPM max
Mercury (Hg)	3 PPM max
Matter insoluble in water	0.05% max



Chemical Formula: NaHCO₃

Molecular Weight: 84.01

CAS No- 144-55-8

HS Code- 28363000

MANUFACTURING:

Sodakarb™ is manufactured at Tata Chemical's Mithapur plant through a continuous process utilizing natural ingredients like salt and limestone. The manufacturing process is highly mechanized, with the final product being white minutely crystalline powder, free from impurities.

QUALITY:



PACKAGING & TRACEABILITY:

Sodakarb™ is available in high quality 50 kg bags with the following features:

- BOPP (Biaxially Oriented Polypropylene) laminated PP bag: High durability with excellent printability
- Gusseted design: Stable stacking of bags with improved aesthetics
- Full product traceability with date & batch labelling

STORAGE:

- Sodium Bicarbonate should be stored in a cool, dry place and far away from any source of heat. It begins to decompose slowly at 50°C, releasing carbon dioxide gas.
- The bags should not be stacked more than 8 layers height. Suitable distance from external surfaces should be maintained during rainy seasons.
- It is liable to lumping if exposed to dampness or subjected to too high a pressure.
- The storing place should be free of objectionable odours, as the product is extremely likely to pick up odours.



OUR SODIUM BICARBONATE PORTFOLIO (INDIA)



ALKAKARB



MEDIKARB

TECHNICAL GRADE

REFINED GRADE

TATA CHEMICALS- A GLOBAL SUPPLIER OF QUALITY INORGANIC INGREDIENTS.

We at Tata Chemicals have been in the business of chemicals since the 1930s. Over the past 75 years, we have come a long way.

Every defining step we took forward was guided by the commitment of "Serving society through science".

- **Assured quality:** Highly automated manufacturing facilities with assured quality
- **Wide distribution network:** With 10 distribution hubs, regularly servicing more than 50 cities
- **Customer centricity:** Striking the right note between digitized processes and meaningful conversations
- **Class leading R&D:** In-house, world class Innovation centre
- **Safety & sustainability:** Industry leading safety & sustainability processes

Sales representative:



For local supplies and support, please contact your local distributor :



www.tatachemicals.com

Consumer Care Cell:



Talk to us at +91 2066075100

Email: chemconnect@tatachemicals.com

TATA CHEMICALS LIMITED, Leela Business Park,
Andheri-Kurla Road, Andheri (E), Mumbai 400 059

Registered office & Marketed by:

TATA CHEMICALS LIMITED

Bombay House, 24 Homi Mody Street, Fort
Mumbai 400 001, Maharashtra, India

All the trademarks are the property of Tata Chemicals Limited, and are registered and / or owned in India. Specifications and service level assurances are not binding and are subject to change without prior notice. Prospective purchasers are advised to conduct their own tests and studies to determine the suitability of our products for their particular purposes and specific applications. All images are for representation purposes only.

TATA CHEMICALS LIMITED