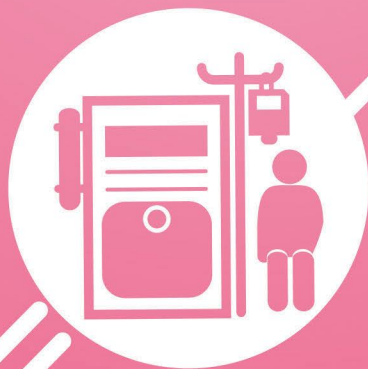
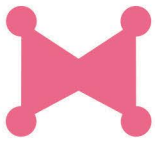


**MEDIKARB<sup>TM</sup>**  
**SODIUM BICARBONATE IP/BP**



**TATA CHEMICALS LIMITED**



**MEDIKARB™**  
SODIUM BICARBONATE IP/BP

**Sodium Bicarbonate** is one of the most versatile inorganic chemicals. Combining its excellent buffering capabilities with high purity levels, pharmaceutical grade Sodium Bicarbonate is the most premium and amongst the purest form of the inorganic chemical.

## INTRODUCING

### Pharmaceutical grade sodium bicarbonate from India's leading bicarb manufacturer

As a part of the \$100 bn Tata conglomerate, Tata Chemicals is a key global manufacturer of alkali chemicals like Sodium Bicarbonate. Medikarb™ draws its credibility from our deep customer connect, distribution coverage, product development capabilities and manufacturing acumen.








Medikarb™ delivers on the requirements of customers, from excipients to APIs, by providing excellent buffering characteristics with uncompromising impurity profile.

#### MANUFACTURING & QUALITY:

|   |  |   |  |
|---|--|---|--|
|  <p>Medikarb™ is manufactured in a state of the art, FDA certified facility</p> |  <p>Highly mechanized manufacturing process and designed in line with CMP principles</p> |  <p>Quality is guided by an end-to-end Tata QMS [Quality Management System]</p> |  <p>Product conforming to Indian / British Pharmacopoeial specifications</p> |
|---|--|---|--|

## MADE IN INDIA

#### APPLICATION:

|   |   |
|---|---|
|  <p>Excipients: Stable inorganic builders in formulations</p>     |  |
|  <p>Formulation: Metabolic Acidosis / Electrolyte Replenisher</p> |  |
|  <p>Effervescent salts: Carbonation agent</p>                     |  |
|  <p>API manufacturing: Neutral buffering agent</p>               |   |



#### PACKAGING & TRACEABILITY:

Medikarb™ is available in high quality 25kg bags with the following features:

- BOPP (Biaxially Oriented Polypropylene) laminated external HDPE bag: High durability and moisture control.
- Internal LDPE sack packaging.
- Gusseted design: Stable stacking of bags with improved aesthetics.
- Full product traceability with unique batch numbering and month/year of manufacturing.
- COA provided with each delivery.

#### SERVICES:

|  |   |  |
|--|---|--|
|  <p>Premium sales support through dedicated distributors in major pharma clusters</p> |  <p>Technical sales support through in house R&amp;D &amp; Technical services team</p> |  <p>Small lots and express deliveries possible</p> |
|--|---|--|

## SODIUM BICARBONATE IP

### SPECIFICATIONS:

| PARAMETERS                                     | ASSURED SPECS               |
|--|-----------------------------|
| Sodium Bicarbonate Assay (NaHCO <sub>3</sub> ) | 99 to 101 % by mass         |
| Carbonate (pH of freshly prepared 5% Solution) | 8.6 max                     |
| Chlorides                                      | 200 ppm max                 |
| Heavy Metals                                   | 5 ppm max                   |
| Arsenic  | 2 ppm max                   |
| Sulphates                                      | 150 ppm max                 |
| Apperance (freshly prepared 5% Solution)       | Solution Clear & Colourless |
| Iron   | 20 ppm max                  |
| Calcium  | Passes IP test              |



## SODIUM BICARBONATE BP

### SPECIFICATIONS:

| PARAMETERS                                     | ASSURED SPECS                  |
|--|--------------------------------|
| Sodium Bicarbonate (NaHCO <sub>3</sub> )       | 99 to 101 %                    |
| Carbonate (pH of freshly prepared 5% Solution) | 8.6 max                        |
| Chlorides                                      | 200 ppm Max                    |
| Arsenic  | 2 ppm Max                      |
| Sulphates                                      | 150 ppm Max                    |
| Iron   | 20 ppm Max                     |
| Calcium  | 100 ppm Max                    |
| Ammonium                                       | 20 ppm Max                     |
| Appearance (Freshly prepared 5% Solution)      | Solution is clear & colourless |

Chemical Formula: NaHCO<sub>3</sub>

Molecular Weight: 84.01

CAS No- 144-55-8

HSN Code- 28363000

### STORAGE:

- Sodium Bicarbonate should be stored protected from moisture 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.
- Stability guarantee of 24 months from date of manufacturing valid only if stored under recommended storage conditions.



## OUR SODIUM BICARBONATE PORTFOLIO (INDIA)



**ALKAKARB**



**SODAKARB**

**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](http://www.tatachemicals.com)

Consumer Care Cell:



Talk to us at +91 020-67137100

Email: [chemconnect@tatachemicals.com](mailto:chemconnect@tatachemicals.com)

TATA CHEMICALS LIMITED, 12th Floor, GIFT ONE  
Tower, GIFT City Gandhinagar, Gujarat 382355

Registered office & Marketed by:

TATA CHEMICALS LIMITED

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

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**TATA CHEMICALS LIMITED**