



ALKAKARBTM
SODIUM BICARBONATE
ANIMAL FEED GRADE



TATA CHEMICALS LIMITED



ALKAKARB™

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ANIMAL FEED GRADE

Alkakarb™ is a high quality animal nutrition grade Sodium Bicarbonate from Tata Chemicals.

THE SECRET TO HEALTHY ANIMALS, HIGHER YIELDS AND IMPROVED PROFITS

Animal Feed Grade sodium bicarbonate from India's leading bicarb manufacturer

Different climatic, economic, biological & geographical conditions call for suitable changes in an animal's diet. This carefully balanced diet is key to the animal's health and performance, and hence increased productivity of the business.

Alkakarb™ is India's choice of Sodium Bicarbonate as a chloride-free and sulphur-free source of Sodium [27% by weight]. While it keeps the animal healthy by optimizing the electrolyte balance, it cares for the environment by not causing water pollution by sulphurous run-offs.

APPLICATION:



POULTRY (Broiler)

- Increased body mass through higher feed conversion ratio- 0.7% Alkakarb increased FCR by 6% (Veterinary College, Anand University)
- Alleviation of heat stress in tropical Indian conditions by maintaining electrolyte balance
- Lowered water intake improves litter conditions



POULTRY (Layer)

- Increased egg shell strength with lesser breakages



DAIRY CATTLE

- Counter ruminal and metabolic acidosis by buffering
- Maintain salivary & ruminary pH to aid digestion and deliver higher milk yield
- Alleviation of heat stress in tropical Indian conditions by maintaining electrolyte balance



LIVESTOCK

- Increased body mass through higher feed conversion ratio
- Optimizes lactation and survival of progeny



AQUA & GENERAL

- Also suitable for use in feeds intended for fish farms

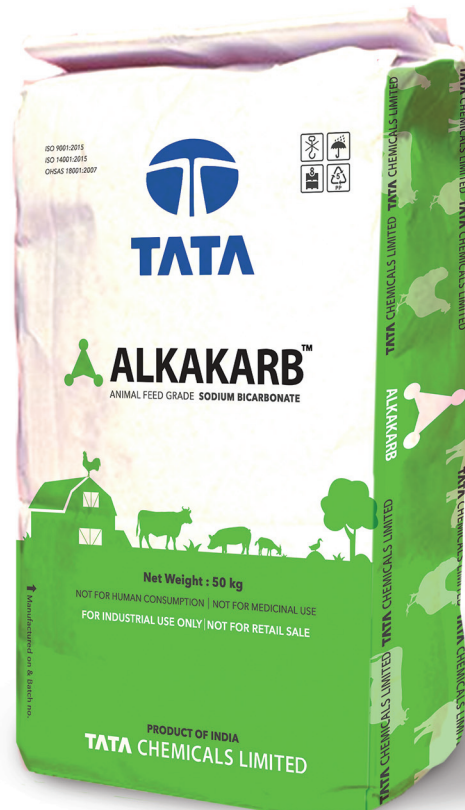


Please consult your local veterinarian or animal nutritionist for correct usage recommendations

SPECIFICATIONS:

(Specifications are subject to change without prior notice)

Characteristics	TCL Assured Specifications
Sodium Bicarbonate Assay (NaHCO ₃)	99.2 % min
pH	8.8 max
Chloride (as Cl)	600 PPM max
Matter insoluble in water	0.1 % max
Sulphates (as SO ₄)	700 PPM max
Iron (as Fe)	40 PPM max
Heavy metals (as Pb)	5 PPM max
Arsenic (as As)	2 PPM max
Copper (as Cu)	30 PPM max



Chemical Formula: NaHCO₃

Molecular Weight: 84.01

CAS No- 144-55-8

HS Code- 28363000

MANUFACTURING & QUALITY:

Alkakarb™ 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.

THE MANUFACTURING FACILITY IS CERTIFIED AS:



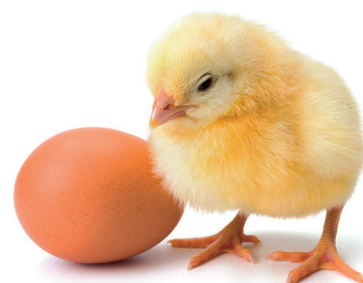
PACKAGING & TRACEABILITY:

Alkakarb™ 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
- Certificate of Analysis with every delivery

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)

 **MEDIKARB**

 **SODAKARB**

TECHNICAL GRADE

REFINED GRADE

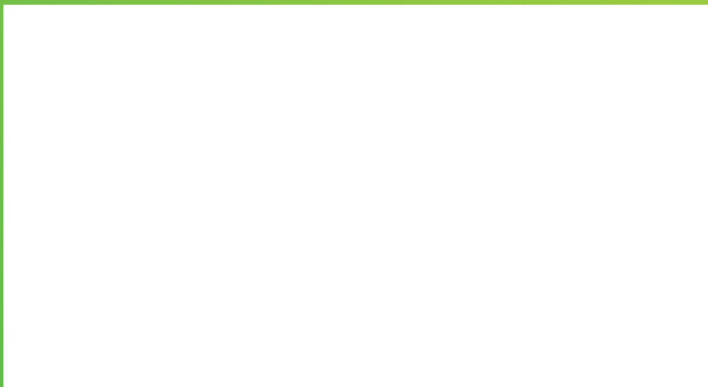
TATA CHEMICALS- A GLOBAL SUPPLIER OF QUALITY INORGANIC INGREDIENTS.

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

Consumer Care Cell:

Talk to us at +91 2066075100

Email: chemconnect@tatachemicals.com



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