



INTABIOTECH presents

## BicarPlus™ Food in Human Food/Nutrition

High-quality sodium bicarbonate for the food industry  
and retail sector.

# BicarPlus™ Food: The Excellence in Sodium Bicarbonate for the Food Industry

At INTABIOTECH, we understand that the quality of your ingredients is fundamental to the success of your products. That's why we present **BicarPlus™ Food**, our superior food-grade sodium bicarbonate, designed to meet and exceed the highest industry standards.

BicarPlus™ Food is not just an ingredient; it's a promise of purity, versatility, and safety for your food production and your consumers. Trust in excellence for every application.



## Unmatched Quality

Produced under strict quality controls, BicarPlus™ Food guarantees exceptional purity, granular consistency, and absence of impurities, ideal for the most demanding applications.



## Functional Versatility

From leavening agents in baking and confectionery to pH regulators, buffers, and food cleaners, its wide range of functionalities makes it an indispensable ingredient.



## Certified Safety

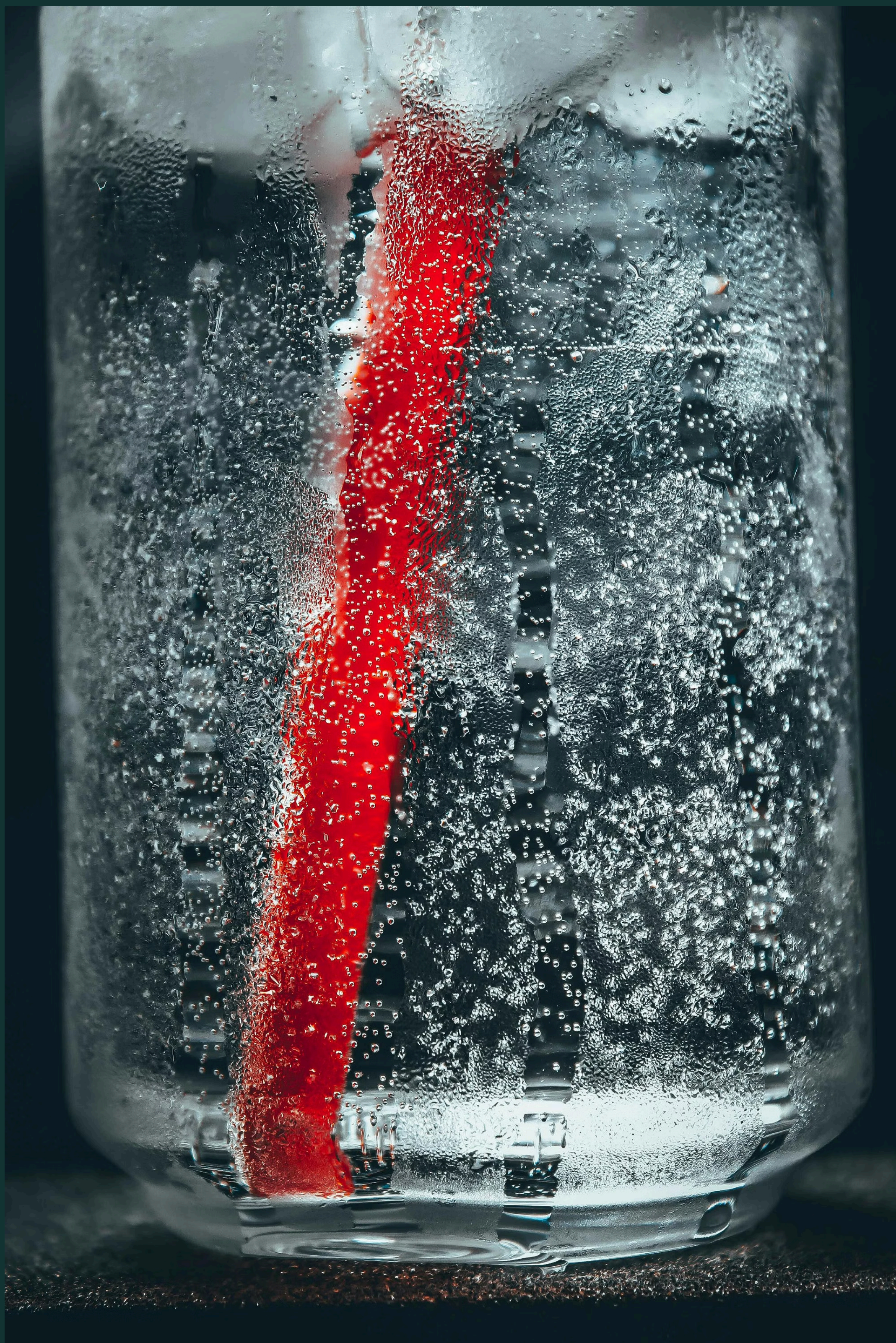
Complies with all international food regulations. BicarPlus™ Food is a safe and reliable product, backed by certifications that guarantee its suitability for human consumption.



## Broad Applications

Perfect for the production of baked goods, carbonated beverages, meat products, dairy products, fruit and vegetable processing, and as a cleaning agent for equipment and surfaces.

Elevate the quality and safety of your products with BicarPlus™ Food. Contact INTABIOTECH today to discover how our high-quality sodium bicarbonate can optimize your processes and meet your customers' expectations.



# Versatile Solutions for the Food Industry



Sodium bicarbonate **BicarPlus Food®** has countless uses in the food industry and at home, standing out mainly as:

- Leavening agent for baked goods
- Source of carbon dioxide for effervescent soft drinks

INTABIOTECH SL offers a complete portfolio of grades adapted to a wide variety of applications, designed to meet all production requirements of the demanding food market.

# Main Applications



## Leavening Agent

Essential ingredient in baked goods such as cakes, muffins, and cookies, providing fluffiness and texture.



## Tenderizer

Optimal for tenderizing meats and seafood, improving the texture and palatability of these foods.



## Acidity Regulator

Natural regulator that reduces acidity in energy drinks, juices, and coffees.



## CO<sub>2</sub> Source

Key component for effervescence in carbonated beverages and foamy products.

# Commitment to Safety and the Environment

## Natural Mineral Substance

BicarPlus+ is a product of mineral origin, completely environmentally friendly and safe for use in food.

## No Health Risks

It poses no risk to human health or the ecosystem, ensuring maximum safety in all its applications.

## International Standards

Manufactured under the highest and strictest international food safety standards (IFS).





## Certifications and Quality Assurance

100%

**Quality Control**  
Complete supervision of all manufacturing processes, from raw material to final product.

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**Key Certifications (Human)**  
Product certified ISO 9001:2015, IFS, Halal, and Kosher, ensuring its use in diverse dietary traditions.

100%

**Dietary Compatibility**  
Fully suitable for vegetarian and vegan diets, expanding its versatility in the current market.

# Properties and Benefits of BicarPlus+ Food



## Different Production Grades

BicarPlus+ Food Grade sodium bicarbonate is commonly used as a leavening and gassing agent in bakery products.

The wide range of available grades and granulometries allows covering all specific needs of:

- Professional food industry
- Retail sector for domestic consumption
- Authorized specialized applications





## Perfect and Complete Dispersibility

### **Rapid Dissolution**

BicarPlus+ Food in fine grade offers superior dispersibility and assimilation compared to other bicarbonates on the market.

### **Efficient Reaction**

Dissolves quickly and completely when reacting with acidic ingredients, ensuring optimal results.

### **Versatility in Formulation**

Ideal for creating various food formulations, especially in cookies, cakes, and other baked goods.

# Free-Flow Powder

BicarPlus+ Food is characterized as a fine, free-flow powder with exceptional properties:



## △ Approved Conditioners

Contains anti-caking agents specifically approved for food use that improve its stability.



## Optimized Behavior

Treated with flow conditioners to ensure superior performance in all types of formulations.



## Application in Blends

Especially suitable for incorporation into flours and other packaged blend products.

# BicarPlus+™ in Food

## Regulatory Framework and Responsibility of Use

### ⓘ Important Regulatory Aspects:

- Applications may be regulated by national or international standards
- Specific restrictions for food additives, additive preparations, and other industrial uses
- The end-user must verify suitability for each specific application

The buyer and user assume sole responsibility for complying with all regulations, patents, and intellectual property rights applicable to the product and its activity.



# Safe and Reliable Use

## Regulatory Responsibility

The buyer and end-user must comply with all norms, orders from competent authorities, patents, and intellectual property rights related to the product.

## Suitability Verification

It is the user's responsibility to independently determine the product's suitability for each specific purpose, as well as its mode of use in accordance with current legislation.

## Limitation of Warranties

The information provided is accurate to our current knowledge but does not constitute an express or implied guarantee. We reserve the right to modify the information without prior notice.



# BicarPlus™

**Ultra-Premium  
Sodium Bicarbonate for  
Baked Foods, Meats,  
Drinks and Seafood**

apart from dozens  
of other applications

# BicarPlus+ Product Statements



## Food Allergens

BicarPlus+™ does not contain any of the allergens listed in Directive 2003/89/EC or Regulation EC 1169/2011 (Art. 21 and related provisions).



## TSE/BSE

Composed 100% of pure, synthetic sodium bicarbonate, of mineral origin. Does not contain animal-derived compounds nor are they used during its manufacture, eliminating any risk of spongiform encephalopathies.



## GMO

Does not contain ingredients derived from genetically modified soy, corn, or rapeseed. These components are also not used at any stage of the manufacturing process.



## Solvents and Technology

Produced without the addition of organic solvents (according to ICH guide CPMP/ICH/283/95). Does not use nanotechnology or undergo irradiation at any stage of its elaboration.

# BicarPlus™ Sodium Bicarbonate

## A Versatile Compound

Ultra-Premium BicarPlus™ sodium bicarbonate ( $\text{NaHCO}_3$ ) is a compound with multiple applications in various fields due to its chemical properties and low cost. Discover its main uses:

### Household Use

- **Home Cleaning:** Excellent deodorizer and gentle cleaner for eliminating odors and cleaning surfaces without scratching them.
- **Personal Care:** Ingredient in toothpastes, natural deodorants, and exfoliants, neutralizing acids and odors.

### Medicinal Use

- **Antacid:** Relieves stomach acid and gastric reflux in small doses.
- **Skin Care:** Used in baths to relieve irritations from bites, minor burns, and allergies.
- **Oral Hygiene:** In rinses, it reduces bacteria and freshens breath.

### Ecological Use

As a non-toxic and biodegradable product, it is a safe and ecological alternative to many chemicals, reducing environmental impact.

### Culinary Use

- **Baking Soda:** Essential leavening agent in baking; releases carbon dioxide to make dough rise.
- **Acidity Neutralization:** Reduces the acidity of certain foods or beverages.

### Industrial Use

- **Fire Extinction:** Part of fire extinguishers for Class B and C fires.
- **Water Treatment:** Regulates pH in pools and drinking water systems.
- **Chemical Production:** Raw material in the manufacture of cleaning products, detergents, and chemicals.

# INTABIOTECH SL

Connect with us for more information about our products and services.



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