



Bismuth



Bismuth

“Green” Metal

Bismuth was discovered in 1753 and is sometimes confused with tin and lead. It's a white, crystalline, and brittle metal with a pinkish tinge. The element occurs naturally in the ores bismuthinite (bismuth glance) and bismite. And when it's heated in air, it produces a blue flame and forms yellow fumes.

In water, its soluble salts form insoluble basic salts. Some compounds are used in cosmetics and in medicine. When combined with manganese, it forms 'Bismanol', a strong permanent magnet. Its alloys are used to make objects subject to damage by high temperatures, including fire detection devices and extinguishing systems.



OCB Pharmaceutical

OCB Pharmaceutical, formerly known as Omicron Quimica S.L. has been producing Bismuth APIs at its Barcelona, Spain site since 1982. In 2019, OCB Pharmaceutical established a strategic partnership with Vital Group that allows the business to adapt to market variations and be more competitive in bismuth sector. Today, OCB ranks among the leading producers of bismuth APIs in the world under GMP quality.

“Your trusted European Partner for *Bismuth salts*”

Bismuth-based drugs

By the 20th century numerous different bismuth preparations were used as treatments for a variety of disorders including the treatment of war wounds, cholera infantum, gastroenteritis, syphilis. The discovery of *H. pylori* in the 1980s after which bismuth emerged as a component of effective treatments for many gastrointestinal disorders. The efficacy of the bismuth preparations in the treatment of many of these disorders has been attributed to a number of different actions against *H. pylori* and cytoprotective effects in the gastric mucosa.

In addition to *H. pylori*, Bismuth Subsalicylate is well-known for its preventative and therapeutic properties in relation to diarrheal disorders. It has been demonstrated to exhibit in vitro antibacterial activity against enterotoxigenic *E. coli*, which is the principal bacterial cause of diarrhea in the developing world and so called "travelers' diarrhea".

OCB's Products and its applications

• BISMUTH SUBSALICYLATE	GASTROINTESTINAL DISORDERS
• BISMUTH SUBNITRATE	MASTITIS TREATMENT IN COWS AS TEAT SEALANT
• BISMUTH CITRATE	"GREEN" ALTERNATIVE IN DETERGETS
• COLLOIDAL BISMUTH SUBCITRATE	GASTROINTESTINAL DISORDERS
• BISMUTH SUBGALLATE	ANTISEPTIC OINTMENT; ANTIHEMORROIDAL
• BISMUTH SODIUM TARTRATE	ULCER TREATMENTS AS ANTIMICROBIAL
• BISMUTH TRIBROMOPHENATE	WOUNDS TREATMENT AS ANTIMICROBIAL

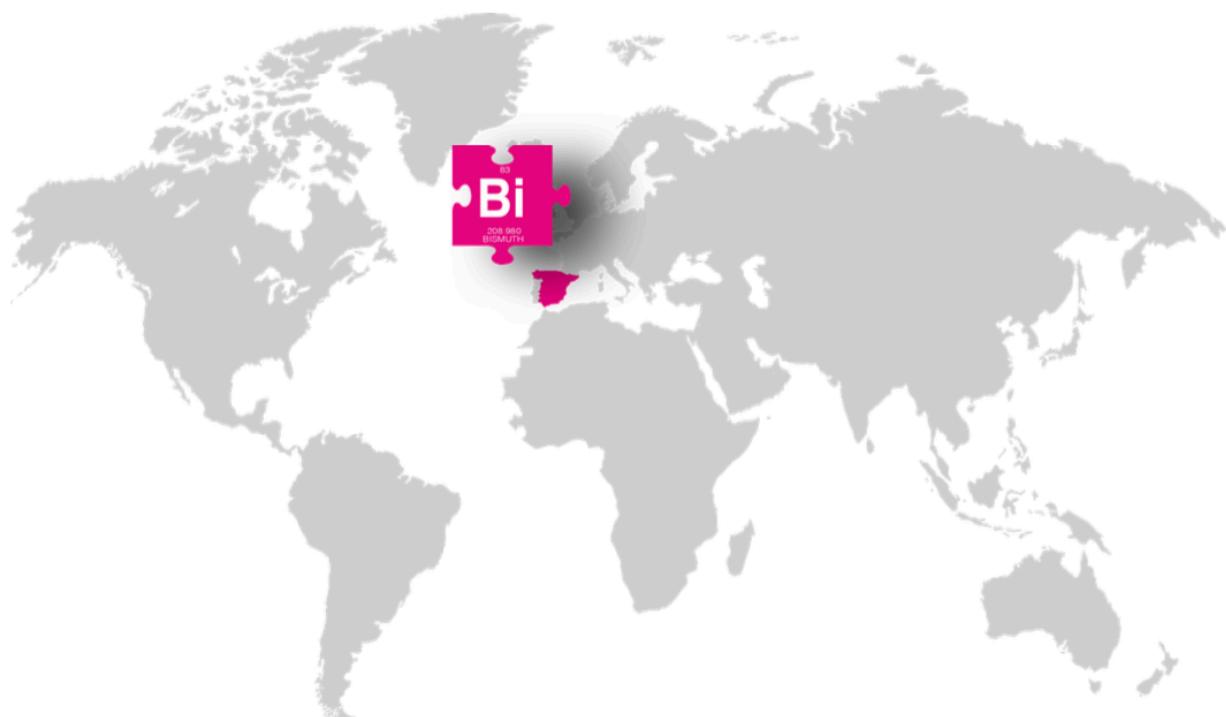
Quality from procurement to delivery

At OCB, quality control is an integral part of the entire production process from procurement and production to packaging and delivery. Our production sites in Barcelona is GMP and ISO 9001 certified. OCB guarantees high-quality products that conform with USP and EP qualities for most of the bismuth salts.



OCB in the World

“From Barcelona to the world”



SALES OFFICE AND PRODUCTION SITE

The Spanish-based, international company's roots date back to 1982. Today, OCB specializes in bismuth APIs for pharmaceutical and cosmetic industry as well as for various other industrial applications.

All its products can be used, transported and disposed of in a secure and ecologically safe way.

A worldwide network of sales and distributors with a thorough understanding of target markets and client requirements underlies OCB's strong market and customer focus. Committed to its rigorous quality standards, OCB guarantees for the excellence and sustainability of its products and services.