

INTRODUCTION

Borax Argentina is a leading global producer of high-quality boron-based products with over 65 years of experience. Located in Salta, Argentina, the company supplies industries worldwide, from glass manufacturing to agriculture and metallurgy, offering products that meet strict international standards. Known for sustainability, Borax Argentina uses eco-friendly mining and energy-efficient production methods. This guide will highlight their product range, technical specifications, and competitive advantages over U.S. Borax and Eti Maden, making them a reliable choice for industries across Latin America, Africa, the Middle East, and Asia.

PRODUCT OVERVIEW

Boric Acid

Borax Pentahydrate

Borax Decahydrate

Borax Anhydrous

**AduBor
(SodiumBorate)**

**Colemanite
(Hydroboracit40% and 36%)**

GranUlexite

Each product has unique characteristics and is optimized for specific industrial applications.



Part 1: Detailed Product Descriptions

Boric Acid



- Uses: Glass, agriculture, flame retardants.
- Key advantages: High purity, essential for precision industries.

Borax Pentahydrate



- Uses: pH buffer, water softener in detergents, flux in metallurgy, corrects boron deficiency in agriculture.

Borax Decahydrate



- Uses: Glass, ceramics, detergents.
- Key advantages: High melting point, boosts glass strength and transparency.

Borax Anhydrous



- Uses: High-temp glass, metallurgy.
- Key advantages: Stable at high temps, ideal for advanced industrial uses.

AduBor (Sodium Borate)



- Uses: Boron fertilizer in agriculture.
- Key advantages: Steady boron release for better crop growth.

Colemanite (HydroborAcit 40%/36%)



- Uses: Ceramics, slow-release fertilizer.
- Key advantages: Eco-friendly, long-term nutrient supply.

GranUlexite



- Uses: Slow-release fertilizer for crops.
- Key advantages: Continuous nutrient source for better yields.

Part 2: Applications of Borax Argentina Products

Boric Acid

- Glass: Enhances thermal resistance for fiberglass and optical glass.
- Agriculture: Corrects boron deficiencies, improves yields.
- Flame Retardants: Fire protection for materials.

Borax Pentahydrate

- Glass: Lowers melting point, reducing energy use, improves strength.
- Detergents: Buffers pH, enhances cleaning in hard water.
- Agriculture: Boosts soil fertility for boron-sensitive crops.

Borax Decahydrate

- Glass: Key for heat-resistant borosilicate glass.
- Ceramics: Lowers glaze firing temperature, improves finish.
- Metallurgy: Flux for impurity removal in metal refining.

Borax Anhydrous

- High-Temp Applications: Stable, essential for glass and metal treatment.
- Metallurgy: Flux for stronger welds and cleaner surfaces.



AduBor (Sodium Borate)

- Agriculture: Treats boron-deficient soils, enhances crop health and yields.
- Fertilizers: Provides steady boron for long-term growth.

Colemanite (HydroborAcit 40%/36%)

- Ceramics: Lowers glaze melting point, yields smoother finishes.
- Agriculture: Slow-release boron source for long-duration crops.

GranUlexite

- Agriculture: Slow-release boron for long-term soil health and crop growth.

Part 3: Applications and Competitor Comparison

Industry Applications

Glass Manufacturing: Borax Deca and Boric Acid boost thermal shock resistance, essential for lab glassware, cookware, and optical glass.

Agriculture: AduBor and GranUlexite correct boron deficiencies, crucial for crop health and yield, especially in fruit trees and vegetables.

Metallurgy: Borax Anhydrous and Pentahydrate act as fluxes, enhancing weld quality and refining metal finishes.

Ceramics: Colemanite and Borax Deca reduce glaze melting points, increase energy efficiency, and improve the durability of ceramic products like tiles and pottery.

Competitor Comparison

Borax Argentina vs. U.S. Borax (Rio Tinto):

Both offer high-quality borates, but Borax Argentina excels in markets like Latin America, Africa, and the Middle East. Its slow-release products (e.g., GranUlexite) offer an edge in agriculture.

Borax Argentina vs. Eti Maden:

While Eti Maden leads in colemanite production, Borax Argentina specializes in sodium borates like AduBor and Borax Anhydrous, essential for high-temperature industries such as glass and metallurgy.

Part 5: Quality, Pricing, and Strong Supply Chain of Borax Argentina

Borax Argentina is known for the high purity of its boron-based products, meeting strict international standards. Key products like Boric Acid (99.81% purity), Borax Pentahydrate, Borax Decahydrate, and GranUlexite are essential in industries such as glass manufacturing, agriculture, metallurgy, and ceramics.

Boric Acid: With 99.81% purity, it ensures consistency in applications requiring thermal resistance, chemical durability, and boron supplementation for crops.

Borax Pentahydrate and Borax Decahydrate: Notable for high boron content, these products deliver effective performance across ceramics, glass, and metallurgy, with uniformity in particle size and composition.

Borax Argentina also prioritizes sustainability, employing eco-friendly mining practices and energy-efficient production. Rigorous quality control ensures reliability across all applications, from agriculture to ceramics.



Pricing Competitiveness

Borax Argentina has positioned itself as a competitive player in the global boron market through effective pricing strategies and a robust supply chain.

Local Production

Based in Argentina, one of the top boron-exporting countries, Borax Argentina benefits from reduced logistical costs, giving it a pricing edge over global competitors like U.S. Borax.

Economies of Scale

Large-scale production helps reduce manufacturing costs, enabling competitive pricing for products such as Borax Decahydrate and Boric Acid.

Customized Solutions

Borax Argentina offers specialized products, like GranUlexite for agriculture, maintaining its pricing advantage by catering to specific market needs.

Strategic Market Positioning

The company competes effectively by offering high-quality products at a strong price-to-quality ratio, balancing between large global producers and regional suppliers.

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Supply Chain & Global Reach

Global Distribution Network

Through partnerships with Neavorra International, Elite Supply Chains & Logistics, and Amber Wave Trading, Borax Argentina efficiently serves key markets in Africa, the Middle East, Latin America, and Asia.

Regional Presence

Subsidiaries like Elite Supply Chains in Tunisia and Amber Wave in Oman ensure timely delivery and lower transportation costs in North Africa and the Middle East, respectively.

Logistics Efficiency

Strategic production in Argentina minimizes shipping costs, providing a competitive edge in regions with high logistics expenses.

Local Expertise

Regional subsidiaries understand and meet local market needs, manage regulatory challenges, and offer tailored solutions to customers.

Adaptability

The company adjusts supply volumes and timelines to meet regional demands, particularly in agriculture.