

Chemiebor™ 15

▶ BACKGROUND

CHEMIEBOR™ 15 is a white free flowing granular product containing 15% Boron as B. It is highly soluble without any residue. This property makes **CHEMIEBOR™ 15** a versatile source of Boron in solid & liquid multi-micronutrient formulations, suspension fertilizers and also for direct application in soils.

▶ APPLICATION AND BENEFITS

CHEMIEBOR™ 15 is the preferred, economical and multi-purpose source of Boron for:

- ▶ Direct soil application for all types of crops.
- ▶ Manufacture of solid & liquid micronutrient mixtures & formulations.
- ▶ Coating and/or blending of compound or bulk fertilizers.

▶ GENERAL INFORMATION

Product Name	CHEMIEBOR™ 15
Chemical Name	Borax Pentahydrate, Borax 5 Mol, Di Sodium Tetraborate Pentahydrate
Chemical Formula	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$
CAS No	12179-04-3

▶ PHYSICAL PROPERTIES

Molecular Weight	291.35
Appearance	White, Odourless, Crystalline Solid
Bulk Density (Loose)	1.02 gms/cc
Particle Size	+1.2 mm. 3.0 % max. -0.075 mm. 5.0 % max.



► CHEMICAL PROPERTIES

Boron Content (As B)	15.0% Min
Boron Content (As B ₂ O ₃)	48.0 % Typical
Na ₂ O	21.25 % Typical

► SOLUBILITY AND pH

Solubility in Water		pH@ 20°C	
At 20°C	3.8%	pH 3.0% solution	9.3
At 100°C	51.2%		

► PACKAGING

25 Kg PP Bags with Inner Liner.

*All data above are determined by Raj Borax Private Ltd analytical methods.

NOTICE:

Before using these products, please read the Product Specifications, the Safety Data Sheets and any other applicable product literature. The descriptions of potential uses for these products are provided only by way of example. The products are not intended or recommended for any unlawful or prohibited use including, without limitation, any use that would constitute infringement of any applicable patents. Nor is it intended or recommended that the products be used for any described purposes without verification by the user of the products' safety and efficacy for such purposes, as well as ensuring compliance with all applicable laws, regulations and registration requirements. Suggestions for use of these products are based on data believed to be reliable. The seller shall have no liability resulting from misuse of the products and provides no guarantee, whether expressed or implied, as to the results obtained if the products are not used in accordance with directions or safe practices. The buyer assumes all responsibility, including any injury or damage, resulting from misuse of the product, whether used alone or in combination with other materials. THE SELLER MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE SELLER SHALL HAVE NO LIABILITY FOR CONSEQUENTIAL DAMAGES.



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