

Chemiebor™ 15-S

▶ BACKGROUND

CHEMIEBOR™ 15S is a special granular sodium borate especially designed and produced keeping in mind the unique needs of agriculture. The main constituent of **CHEMIEBOR™ 15S** is Di Sodium Tetraborate Pentahydrate and consists of Boron (as B) 15% min. It is used mainly for incorporation of boron in bulk-blended fertilizer. Farmers also use **CHEMIEBOR™ 15S** for direct soil application by broadcasting method.

▶ APPLICATION AND BENEFITS

CHEMIEBOR™ 15S is applied directly as a basal fertilizer in the soil or blended with N,P & K to formulate a mixed compound fertilizer. The main advantage of **CHEMIEBOR™ 15S** is its uniform granule size (avg. 2-4mm), which leads to even distribution during blending along with other bulk-granulated fertilizers & spreading in the field.

As compared to powdered material, **CHEMIEBOR™ 15S** reduces handling loss at the time of broadcasting application in a large field. It is readily soluble into soil water and available for plant uptake. Granular form ensures controlled release and long-term effect throughout the growing season.

CHEMIEBOR™ 15S resists breakage and reduces losses during normal storage, transport and handling.

▶ GENERAL INFORMATION

Product Name	CHEMIEBOR™ 15S
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	Pure White Granules
Bulk Density (Loose)	0.90 gms / cc
Particle Size	1.4mm – 5mm, 95% Min

► CHEMICAL PROPERTIES

Boron Content (As B)	15.0% Min
Matter Insoluble in Water	1.0% Max
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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