PRODUCT INFO & DATASHEET

SICO FERTIBOR 21 B, Powder

DISODIUM OCTOBORATE TETRAHYDRATE (DOT)

$Na_2B_8O_{13}.4H_2O$

- Origin: Peru - *02/2025*

1/ GENERAL INFORMATION

Chemical name:	Disodium Octaborate Tetrabydrate (DOT)
Trade name:	SICO FERTIBOR 21 B, Sodium Octaborate Tetrahydrate
Chemical formula:	$Na_2B_8O_{13}$-$4H_2O$
CAS number:	12280-03-4
EC number:	234-541-0
Description:	powder

2/ PRODUCT SPECIFICATIONS

**** CHEMICAL COMPOSITION & ANALYSIS***

- Parameter

	Range (%)
Equivalent Disodium Octaborate Tetrahydrate ($Na_2B_8O_{13}.4H_2O$)	99.20 - 101
Boron Oxide (B_2O_3)	66.97 – 68.18
Boron (B)	20.8 – 21.17
Sodium Oxide (Na_2O)	14.90 – 15.17

- Solubility

Solubility in water at 20°C	220 g/L FB21 Minimum

- pH

pH at 20° C	6.85 – 7.85

3/ AVAILABLE PACKINGS

1000 kg big polypropylene bag with internal low-density polyethylene liner.
25 kg polypropylene bag with internal low-density polyethylene liner.

ADDITIONAL INFORMATION

The indicated specifications are established and guaranteed by our internal analytical methods.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose.
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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