

Chemical name	Sodium Octaborate Tetrahydrate	Formula	Na ₂ B ₈ O ₁₃ ·4H ₂ O	Formula Weight	412,62
CAS	12280-03-4	EINECS	234-541-0	Custom tariff	2840 2010

Product Specification Guaranteed	Characteristics	Units	Specification Value	
			min	max
	Appearance		Powder	
	Colour		White	
	Assay (Na ₂ B ₈ O ₁₃ ·4H ₂ O)	%	99.7	--
	Boron Trioxide (B ₂ O ₃)	%	67.3	--

Typical Chemical-Physical Characteristics	Characteristics	Units	Value
	Bulk density (tapped)	Kg/dm ³	0.5 ÷ 0.6

Solubility in water

Temp °C	0	10	20	30	40	50	60
g Na ₂ B ₈ O ₁₃ ·4H ₂ O / 100 g water	5	10.2	14.8	22.8	26.7	33.4	42.1

pH at 23 °C

g Na ₂ B ₈ O ₁₃ ·4H ₂ O / 100 g solution	1	2	5	10	15
pH	8.5	8.4	8.0	7.6	7.3

Applications For wood protection and for its flame retarding action: as pest controller in wood treatment.

Packaging Standard Packaging 20 kg Bags; 1000 kg Big Bags.

Shelf Life If correctly stored, the product is chemically and physically stable. Store product in a dry, well ventilated warehouse.

Safety Data Please refer to material safety data sheets for any information regarding hazards identification or handling and storage of this product.

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Revision n° 03

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =

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