

SODIUM OCTABORATE TETRAHYDRATE

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)

Temp °C	Solubility in water						
	0	10	20	30	40	50	60
g Na₂B₈O₁₃·4H₂O / 100g water	5	10.2	14.8	22.8	26.7	33.4	42.1

g Na ₂ B ₈ O ₁₃ ·4H ₂ O / 100g solution	pH at 23°C				
	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.

TS-PF-C0404

Date of issue :

22/03/2017

Revision: n° 04

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

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