

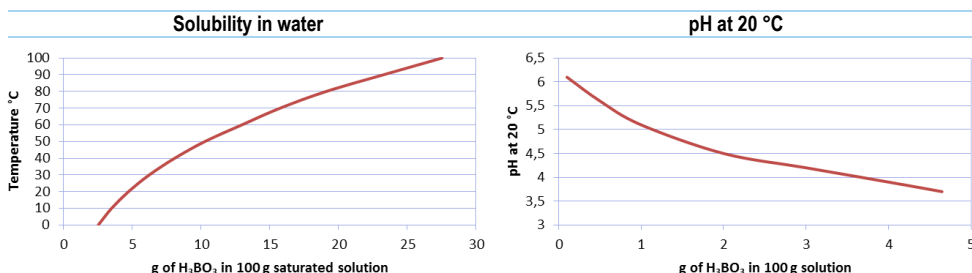
Boric Acid EP Powder

Chemical name	Boric Acid	Formula	H ₃ BO ₃	Formula Weight	61.833
CAS	10043-35-3	EINECS	233-139-2	Custom tariff	28100090

Product Specification	Characteristics	Units	Specification Values	
			min	max
	Appearance		Granular Crystals	
	Colour		White	
	Assay (H ₃ BO ₃)	%	99,9	--
	Sulphates (SO ₄)	ppm	--	10
	Chlorides (Cl)	ppm	--	0.8
	Iron (Fe)	ppm	--	1.0
	Granulometry	Units	Specification Values	
			min	max
	> 300 µm (ISO 3310)	%	--	5
	> 50 Mesh (ASTM E11-70)			

Typical Chemical-Physical Characteristics

Characteristics	Units	Values
Relative density (at 14 °C)	g/cm ³	1.51
Relative density (at 23 °C)	g/cm ³	1.49
Relative density (at 80 °C)	g/cm ³	1.38
Melting point (in closed vessel)	°C	184 ÷ 186



Applications

Pharmaceutical Industry: as antiseptic for ophthalmological use and disinfectant; in gynaecological and dermatological applications for its antifungal and bacteriostatic activity; in the preparation of boric water.
Cosmetic Industry: emulsifying agent and preserver.

Packaging

Standard Packaging 25 kg Bags; 150 kg Drums.

Shelf Life

If correctly stored, the product is chemically and physically stable. If heated it loses its water of hydration giving metaboric acid and at last anhydrous boric acid. 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.

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

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