

Product name:

**Boric acid**

**Synonyms:** Trihydroxidoboron, Orthoboric acid, Trihydroxyborane

**CAS number:** 10043-35-3

<i>General information:</i>		
	<b>Chemical formula:</b> H <sub>3</sub> BO <sub>3</sub>	<b>Molar Mass:</b> 61.83 g/mol
	<b>Appearance:</b> White powder	<b>Density:</b> 1.435 g/cm <sup>3</sup> (20 °C)
	<b>Solub. in water:</b> 50 g/l (21°C)	<b>Melting point:</b> 185 °C
	<b>Thermal decomposition:</b> above 185 °C	<b>Boiling point:</b> 300 °C
	<b>Storage temp.:</b> Below +30 °C	<b>Cautions:</b> Toxic, irritant
	<b>R:</b> 60-61	<b>S:</b> 53-45
	<b>HS-No.:</b> 28100090	<b>EC-Index-No.:</b> 233-139-2

Hazard Symbol



Safety Information

Grade

Laboratory

<b>Specification:</b>				
	Assay		99.5 – 100.5	%
	Identification (Borate)		Conforms	
	Solubility in alcohol		Conforms	
	Completeness of solution		Conforms	
	Loss on drying (5h, silica gel)	≤	0.5	%

<b>Ordering code</b>	1 kg	2.5 kg	5 kg	10 kg	20 kg
P.E.	433.05.01000.02		433.05.05000.02	433.05.10000.03	
Glass					