

TECHNICAL DATA SHEET

Boric Acid | CAS 10043-35-3

1. Product Identification

Product Name	Boric Acid
CAS Number	10043-35-3
Synonyms	Hydrogen borate, Boracic acid, Orthoboric acid, H3BO3
Category	Specialty
Available Grades	Technical/99.5%/LR/AR
HSN Code	2810.00
UN Number	UN3077

2. Physical & Chemical Properties

Molecular Formula	H ₃ BO ₃
Molecular Weight	61.83
Appearance	White crystalline powder
Density	1435 kg/m ³
Boiling Point	171°C (d)
Melting Point	170.9°C
Flash Point	None
Solubility	5g/100ml water

3. Applications

• Antiseptic • Wood preservative • Insecticide • Glass manufacturing • Pharmaceutical • Nuclear power • Electroplating

4. Industries Served

Chemical, Glass, Healthcare, Nuclear, Research

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.