

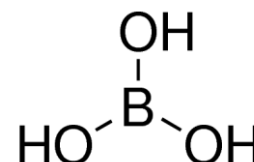


# Product Specification

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## BORIC ACID SPECIAL AR

<b>PRODUCT CODE</b>	<b>466515</b>
<b>SYNONYMS</b>	<b>Orthoboric acid</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(10043-35-3)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>H<sub>3</sub>BO<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>61.83</b>
<b>PROPERTIES</b>	--Soluble in boiling water,alcohol and glycerol,Noncombustible.



### PARAMETER LIMIT

Description	A white crystalline powder. Colourless,shiny plates greasy to the touch,or white crystals.
Solubility	10% Solution in hot water is clear and colourless.
Minimum assay (Acidimetric)	99.5%
Identification	Passes test.
pH (3.3% solution in water)	3.8 – 4.8
Solubility in ethanol	Passes test.

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (on silica gel for 5 hrs.)	0.5%
Alcohol insoluble matter	0.005%
Water insoluble matter	0.005%
Chloride (Cl)	0.0002%
Phosphate (PO <sub>4</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	0.002%
Arsenic (As)	0.0001%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0002%
Heavy metals (as Pb)	0.001%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.001%
Organic matter	Passes test
Substance non volatile with methanol	0.05%

**Note(s): Assay (if applicable) method mentioned.**

#### WARNING

**Hazard statements:** May be harmful if swallowed. May damage fertility.

#### Precautionary statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code :

UN No. :

IATA :



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Hazard Pictogram(s) :-



GHS08