

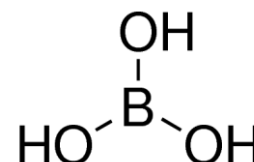


Product Specification

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BORIC ACID AR

PRODUCT CODE	466515
SYNONYMS	Orthoboric acid
C.I. NO.	--
CASR NO.	(10043-35-3)
ATOMIC OR MOLECULAR FORMULA	H₃BO₃
ATOMIC OR MOLECULAR WEIGHT	61.83
PROPERTIES	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.
Identification	Passes test.
Minimum assay (Acidimetric)	99.99%
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 ₄)	0.001%
Sulphate (SO ₄)	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

Replace Date 1-Mar.-2019