




Product Specification

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BORIC ACID CRYSTALS/GRANULAR

PRODUCT CODE	027410
SYNONYMS	(Orthoboric acid)
C.I. NO.	--
CASR NO.	10043-35-3
ATOMIC OR MOLECULAR FORMULA	H ₃ BO ₃
ATOMIC OR MOLECULAR WEIGHT	61.83
PROPERTIES	Soluble in boiling water, alcohol and glycerol, Noncombustible.
<div>Chemical Structure: <chem>O[B](O)O</chem></div>	
PARAMETER	LIMIT
Description	White crystals or crystalline powder or granules.
Solubility	10% Solution in hot water is clear and colourless.
Minimum assay (Acidimetric)	99.5%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.04%
Arsenic (As)	0.0001%
Lead (Pb)	0.002%
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	IMDG Code : UN No. : IATA :
Disposal: Dispose of contents and container in accordance with relevant legislation.	
Hazard Pictogram(s) :- <div> GHS08</div>	

Replace Date 06-Feb-2026