





BORIC ACID POWDER

PRODUCT CODE	R01100
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.
PARAMETER	LIMIT
Description	White fine powder, free from crystals and granules.
Solubility	10% Solution in hot water is clear and colourless.
Minimum assay (Acidimetric)	99.5%
pH of (3.3% soln. in water)	3.8 – 4.8
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.04%
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) :-	
 	
<p style="text-align: center;">GHS05 GHS07</p>	

Replace Date 1 April 2023

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