

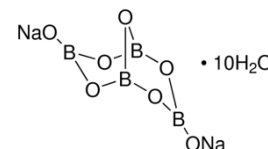


Product Specification

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BORAX DECAHYDRATE AR/ACS

PRODUCT CODE	465985
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1303-96-4)
ATOMIC OR MOLECULAR FORMULA	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	381.36



PROPERTIES Hygroscopic and noncombustible.

PARAMETER LIMIT

Description	Colourless crystals or a white crystalline powder. Efflorescent in dry air.
Solubility	4% solution in hot water is clear and colourless.
Identification	Passes test.
Assay (Acidimetric)	99.5 - 102.5%
pH (4% solution in water)	9.0 - 9.6

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.003%
Ammonium	0.001%
Carbonate (CO ₃)	0.05%
Carbonate and bicarbonate	Passes test.
Chloride (Cl)	0.0005%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.0025%
Arsenic (As)	0.0002%
Calcium (Ca)	0.005%
Heavy metals (as Pb)	0.002%
Iron (Fe)	0.0005%
Magnesium (Mg)	0.002%
Organic volatile impurities	Meets the requirements.

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

DANGER

Hazard statements : May cause respiratory irritation. Harmful if swallowed. May damage fertility. May damage the unborn child.

Precautionary statements

Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash hands thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product.

Response : If exposed or concerned: Get medical attention advice. Specific treatment: refer to Label or MSDS.

Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :



GHS07



GHS08

Replace Date 13-Mar.-2019