



## BORAX DECAHYDRATE AR/ACS

<b>PRODUCT CODE</b>	<b>R01705</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(1303-96-4)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub>·10H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>381.36</b>
<b>PROPERTIES</b>	<b>Hygroscopic and noncombustible.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
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
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Insoluble matter	0.003%
Ammonium	0.001%
Carbonate (CO <sub>3</sub> )	0.05%
Carbonate and bicarbonate	Passes test.
Chloride (Cl)	0.0005%
Phosphate (PO <sub>4</sub> )	0.001%
Sulphate (SO <sub>4</sub> )	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) :**



GHS05

GHS07