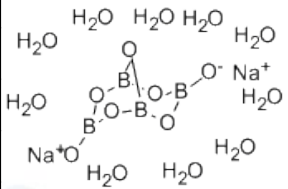


# Borax Decahydrate Technical Grade, Granular

## General Information

Chemical Formula	Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O	
H.S. Code	28401900	
CAS No.	1303-96-4	
Molecular Weight	381.37 g/mol	
Origin	Argentina	

## Application

Detergent	Borax Decahydrate is used in detergents because of water softening and disinfectant property.
Ceramics	Borax Decahydrate is used as raw material especially the enamel for the ceramic industry
Borosilicate glass	Boron fibers provide very high tensile strength and can be added to plastics to make a material that is stronger than steel yet lighter than aluminum.
Insulation fiberglass	Borax Decahydrate is the main borate used in the manufacture of insulation fiberglass where it performs a powerful flux and lowers the batch melting temperature. It also helps control the relationship between melt viscosity, surface tension and temperature to create the optimum conditions for fiberization.

## Specification

### Chemical Analysis

Component	Content
Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O	101.3 %
B <sub>2</sub> O <sub>3</sub>	≥ 36.4 %
B	≥ 11.3 %
Na <sub>2</sub> O	≥ 16,2 %
SO <sub>4</sub>	≤ 60 ppm
Cl	≤ 2900 ppm
Fe	≤ 25 ppm

Analysis Method : Volumetric Titration

### Granulometric Analysis

Sieve (A.S.T.M. Standard)	Retained (accumulated)
Mesh 14	≤ 1 %
Mesh 140	≥ 65 %

## Packaging

25 KG bags