

# Borax

## About Borax

Borax mined in Turkey is refined in China and directly imported.

Decahydrate borax becomes an anhydride when heated to 350 to 400 °C, and fuses at 880 °C, turning into a glass.

It is mainly used as a flux for glass products.

It also improves other characteristics of the glass as it also lowers the melting point.

Decahydrate borax is a colorless or white crystalline powder.

It is not soluble in alcohol, and slightly soluble in glycerin, and exhibits alkalinity when dissolved in water.

We handle pentahydrate borax as well as the decahydrate borax.

## Product List (representative values)

Product name	Decahydrate borax
Alternate name	Sodium borate
Molecular formula	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Molecular weight	381.37
Specific gravity	1.72 (Decahydrate)
Melting point	75 °C (Decahydrate)
Solubility	1.6 g/100g H <sub>2</sub> O (10 °C) (Decahydrate)

## Applications

- Glass products, and glass fibers for ceramics
- Enamel, plating, medical preservatives. pesticides, catalyst
- Borax salt fertilizer for agricultural use

## Delivery formats

- Flexible containers : 1000 kg
- Paper bags : 25kg