

## TECHNICAL DATA SHEET

**Product:** ETIBOR-68

**Supplier:** Etimine USA, Inc.

**Synonyms:** Di-sodium Tetraborate, Anhydrous Borax

**CAS#** 1330-43-4

**Formula:** Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub>

**Product Description:** Etibor-68 or Anhydrous Borax is a white, odorless product available in crystalline granular form. Etibor-68 is a hard glassy material directly produced by dehydrating Borax. By nature Etibor-68 is far less hygroscopic than Borax and do not absorb moisture under ordinary storage conditions. It is an excellent fluxing agent and glass former. Use of Etibor-68 improves yields and provides less energy intensive processes for glass and ceramic industries. It is mildly soluble in water and it is a very good candidate for slow release fertilizer application in agriculture.

**Packaging:** Etibor-68 is available in 25 kg (55lb.) multi-wall paper or plastic bags and in 1000 kg (2200lb) bulk bag packaging.

**Applications:**

- Fluxing agent
- Glasses
- Frits, Glazes and Enamels
- Metallurgy
- Cleaning Formulations
- Agriculture
- Refractories
- Enhanced Oil Recovery
- Flame retardant

**Precautions:** Etbor-68 is chemically stable, however, it is advised to store Etibor-68 under dry, cool and steady temperature conditions.

**Typical properties of Borax Decahydrate:**

Component	Typical Value
<b>B<sub>2</sub>O<sub>3</sub></b>	68.5%
<b>Na<sub>2</sub>O</b>	30.5%
<b>SO<sub>4</sub></b>	150 ppm
<b>Fe</b>	20 ppm
<b>Cl</b>	85 ppm
<b>Purity</b>	100%
<b>DRY SIEVE ANALYSIS</b>	
<b>Retention on 1.60 mm or +12 mesh</b>	0.9%
<b>Through 0.063 mm or - 230 mesh</b>	2.5%

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