

## TECHNICAL DATA SHEET

<b>Product:</b>	<b>ETIBOR-68</b>
<b>Synonyms:</b>	Di-sodium Tetraborate, Anhydrous Borax
<b>CAS#</b>	1330-43-4
<b>Formula:</b>	$\text{Na}_2\text{B}_4\text{O}_7$

**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 Etibor 68:**

Chemical Analysis				
Component	Unit	Specification (min-max)		Typical Value
B <sub>2</sub> O <sub>3</sub>	%	68.3 – 69.4 %		68.5
Na <sub>2</sub> O	%	30.41 – 30.90 %		30.5
SO <sub>4</sub>	ppm	300 max.		150
Fe	ppm	50 max.		30
Cl	ppm	105 max		75
Insolubles in water	ppm	920 max.		800
DRY SIEVE ANALYSIS				
Size	Unit	US Mesh	Specification	Typical Value
+ 1.600 mm	%	12	5.0 max.	1.5
- 0.075 mm	%	200	5.0 max.	2.5

*This TDS is to provide all necessary information about the product that customers must be aware of. However, excepting the given specifications, other information provided in this TDS do not form part of any selling specification. Information contained in this TDS is correct to the best of ETIMINE's knowledge and understanding based on available information. However, no warranty of merchantability or any other warranty, expressed or implied, with respect to such information can be made, and no liability resulting from its use can be assumed. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ETIMINE USA, INC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ETIMINE USA has been advised of the possibility of such damages.*