AMERICAN BORATE COMPANY
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# Borax 10 Mol FG

Sodium tetraborate decahydrate

EPA Reg. No. 73605-9

Only for Manufacturing of Algaecides/Insecticides/Fungicides and Impregnated Bacteriostats
This product is not for food or drug use

White free-flowing granular material
$Na_2B_4O_7 \cdot 10H_2O$
CAS No. 1303-96-4

| CHEMICAL SPECIFICATIONS | | |
|---|---|---|
| **Component** | **Unit** | **Content** |
| $B_2O_3$ | % | 36.47 - 38.50 |
| $Na_2O$ | % | 16.24 - 17.14 |
| Fe | ppm | 10.00 max |
| Cl | ppm | 70.00 max |
| $SO_4$ | ppm | 135.00 max |
| Purity | % | 99.90 - 105.45 |

| PHYSICAL SPECIFICATIONS | | |
|---|---|---|
| **Mesh Size** | **Unit** | **Content** |
| + 16 mesh | % | 4.00 max |
| -230 mesh | % | 4.00 max |

**Other Properties**

- Melting Point : 62 °C
- Molecular Weight: 381.37 g/mol
- Specific Gravity: 1.71- 1.73 g/cm³ @ 20 °C
- Solubility in Water: 4.70% by weight @ 20 °C in a saturated solution
- pH: 9.26 (0.1% solution); 9.23 (1.0% solution); 9.32 (4.71% solution)
- Bulk Density: 62.43 lbs/ft³
- Dehydration: Begins 60 °C , complete 320 °C

**Packaging**
Borax 10 Mol FG is available in bulk, 1MT (2,205 lb.) super sacks and in 25 kg net (55.1 lb. net) multiwall paper bags.

Specification data is determined by Eti Maden analytical methods