

## Technical data sheet



Product name: **Di-Sodium tetraborate decahydrate**

Grade: **Extra pure**

Chemical formula:  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$

Molar mass: 381.37 g/mol

**Synonyms:** Borax; Sodium Borate Decahydrate; Sodium borate

| General information        |                               |
|----------------------------|-------------------------------|
| Cas- No.                   | 1303-96-4                     |
| Ec-No.                     | 215-540-4                     |
| Appearance                 | white solid                   |
| Boiling point              | 1575°C (anhydrous)            |
| Melting point              | 75 °C                         |
| Flash point                | N/A                           |
| Spec.density               | 1.72 g/cm <sup>3</sup> (20°C) |
| Vapour pressure            | 0.213 hpa(20°C)               |
| Solub. In H <sub>2</sub> O | 51.4 g/l (20°C)               |
| Storage temp               | ≤+30 ° C                      |
| R:                         | N/A                           |
| S:                         | 24/25                         |

| Specification          |              |
|------------------------|--------------|
| Assay                  | 99.0-105.0 % |
| Identity A (Sodium)    | conforms     |
| Identity B (Borate)    | conforms     |
| Appearance of solution | conforms     |
| Carbonate, bicarbonat  | conforms     |
| Chloride               | ≤0.01%       |
| Sulfate                | ≤0.005%      |
| Calcium                | ≤0.01%       |
|                        |              |
|                        |              |
|                        |              |
|                        |              |

**Symbol:**



**packaging:**

| Available Pack | 1Kg | 5Kg | 10Kg |
|----------------|-----|-----|------|
| P.E            | *   | *   | -    |
| GLASS          | -   | -   | -    |



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