

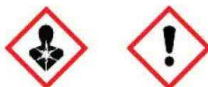
Product name: **Di-Sodium tetraborate decahydrate**

**Synonyms:** Borax, Sodium biborate decahydrate, Sodium borate decahydrate

**CAS number:** 1303-96-4

|                             |                                                                                       |                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>General information:</b> |                                                                                       |                                                                     |
|                             | <b>Chemical formula:</b> $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ | <b>Molar Mass:</b> 381.37 g/mol                                     |
|                             | <b>Appearance:</b> white crystalline solid.                                           | <b>Density:</b> 1.73 g/cm <sup>3</sup> (20 °C)                      |
|                             | <b>Solub. in water:</b> 49.74 g/l                                                     | <b>Melting point:</b> 75 °C Elimination of water of crystallisation |
|                             | <b>Bulk density:</b> 750 kg/m <sup>3</sup>                                            | <b>pH value :</b> 9.0 - 9.5 (0.01M @25°C )                          |
|                             | <b>Storage temp.:</b> +2°C to +30°C                                                   | <b>Cautions:</b> toxic for reproduction                             |
|                             | <b>R:</b> 60-61-36                                                                    | <b>S:</b> 53-45-26                                                  |
|                             | <b>HS-No.:</b> 2840 19 90                                                             | <b>EC Index Number:</b> 005-011-01-1                                |

Hazard Symbol



Safety Information

Grade

Extra pure

|                         |  |   |           |   |
|-------------------------|--|---|-----------|---|
| <b>Specification:</b>   |  |   |           |   |
| Assay                   |  |   | 99 - 105  | % |
| Description             |  |   | Conforms  |   |
| Identification (sodium) |  |   | Conforms  |   |
| Identification (borate) |  |   | Conforms  |   |
| Appearance of solution  |  |   | Conforms  |   |
| pH (0.01M @25°C)        |  |   | 9.0 - 9.5 |   |
| Chloride                |  | ≤ | 0.01      | % |

| Ordering code | 1Kg             | 2.5Kg | 5Kg | 10Kg | 20Kg |
|---------------|-----------------|-------|-----|------|------|
| P.E.          | 483.06.01000.02 |       |     |      |      |
| Glass         |                 |       |     |      |      |