

Product Specification

Product Name: di-SODIUM TETRABORATE Decahydrate Powder
LR

Alternate Name(s) Borax Decahydrate.

Description

White crystals or powder; odourless.

Properties

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

Molecular Weight: 381.37

Product Code: SL038

CAS No. 1303-96-4

General Information:

Loses water of crystallization when heated. Soluble in glycerol. Insoluble in alcohol.

Non combustible material. Fire retardant.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH6U

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Boric anhydride (B ₂ O ₃)	≥ 35%
Sodium oxide (Na ₂ O)	≥ 16%
Sulfate (SO ₄)	≤ 0.0135%
Chloride (Cl)	≤ 0.007%
Iron (Fe)	≤ 0.001%
Particle size distribution: +1.180mm	≤ 4.0%
Particle size distribution: -0.063 mm	≤ 4.0%

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