Code No. 12970  Mebi acid

CAS No. 207511-11-3  EEC No. 258-862-0 anhydrous

Chemical Name  Sodium 2-mercaptobenzimidazole-5-sulfonate dihydrate

Structure

\[ \text{NaO}_3\text{S} \quad \text{N} \quad \text{N} \quad \text{SH} \]
\[ \cdot 2\text{H}_2\text{O} \quad \text{H} \]

Molecular Formula  \( \text{C}_7\text{H}_5\text{N}_2\text{NaO}_3\text{S}_2 \cdot 2\text{H}_2\text{O} \)

Molecular Weight  288.28

Product Properties

- **Appearance**: White crystalline powder
- **Assay (%)**: ≥ 98.0 (HPLC)
- **Loss on drying (%)**: 12 – 13
- **Sulfated ash (%)**: 23.5 - 26.5
- **Solubility (3.33% H}_2\text{O)**: clear, no residue

Storage  Cool, dry, tightly closed; durability 12 months

Application  Antifogging agent in photography

Changes in comparison to previous issue: Product properties