

Sodium Dehydroacetate Monohydrate

Water-soluble preservative ingredient for qualified personal-care and industrial formulations.

CAS 64039-28-7	EC 224-580-1 (anhydrous identity)	Transport Non-dangerous goods; monohydrate reference
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Product Information

Sodium dehydroacetate monohydrate is the hydrated sodium salt of dehydroacetic acid. The supplied water range of 8.5–10% is consistent with a monohydrate and distinct from the anhydrous identity. Use the hydrate CAS and formula; the EC entry is explicitly identified as the anhydrous identity.

Specifications

Parameter	Specification
Appearance	White crystalline powder
Assay	98.0–100.5 %; calculation basis to be agreed
Water	8.5–10.0 %
Chloride	≤0.011 %
Lead	≤2 mg/kg
Arsenic	≤3 mg/kg

Typical Properties

Property	Typical Value
Molecular formula (component)	C ₈ H ₇ NaO ₄ ·H ₂ O
Molecular weight (component)	208.15 g/mol

Applications

Personal-care preservation: Evaluate this ingredient in permitted personal-care preservation systems.

Water-based formulation development: Assess dissolution and compatibility in water-based formulations under controlled mixing.

Grade qualification: Specify monohydrate identity, assay calculation basis and the required trace-element limits in the order.

Packaging / Storage

Item	Information
Packaging	25 kg fiber drums or cartons with suitable sealed inner packaging.
Storage	Store tightly closed in a cool, dry, shaded and ventilated area. Protect from moisture and strong oxidizing agents.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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