

Calcium Hypochlorite

Chlorine-releasing oxidizing disinfectant for industrial formulation and process applications.

CAS No. 7778-54-3	EC / EINECS 231-908-7
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Product Information

Calcium Hypochlorite is supplied as white to pale yellow granules or powder. Grade: Available chlorine ≥ 65%.

Specifications

Parameter	Specification
Available chlorine	≥ 65%
Moisture	5.5–10%
Water insoluble matter	≤ 5%

Typical Properties

Property	Typical Value
Synonym	Bleaching powder
Molecular formula	Ca(ClO) ₂
Molecular weight	142.98 g/mol (active)

Applications

Swimming pool disinfection: Used as a component in swimming pool disinfection. Evaluate compatibility and process requirements before use.

Industrial water treatment: Used as a component in industrial water treatment. Evaluate compatibility and process requirements before use.

Sanitation formulation manufacture: Used as a component in sanitation formulation manufacture. Evaluate compatibility and process requirements before use.

Packaging / Storage

Item	Information
Packaging	25 kg/45 kg/50 kg plastic drum or packaging according to confirmed order and dangerous goods requirements.
Storage	Store cool, dry and well ventilated, away from acids, reducing agents, organic materials, heat, moisture and contamination.
Handling	Use local exhaust ventilation where needed. Wear chemical-resistant gloves and eye protection; avoid dust generation. Follow the product SDS for additional controls.

Company Contact

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