Chloral Hydrate

Crystalline chloral hydrate for industrial electroplating and chemical intermediate development.

CAS No.	EC / List No.	Transport
302-17-0	206-117-5	Class 6.1 — Toxic substance

Product Information

Crystalline chloral hydrate for industrial electroplating and chemical intermediate development.

Specifications

Parameter	Specification
Appearance	Transparent, colourless crystals
Assay	≥99.0 %
Melting point	Approximately 57 °C
pH, 10% aqueous solution	3.5–5.5
Chloride	≤0.01 %
Burning residue	≤0.1 %
Water solubility	Soluble

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C2H3Cl3O2
Molecular weight	165.40 g/mol

Applications

Nickel electroplating development: Reagent for technically supervised semi-bright nickel bath development.

Chemical intermediate processing: Feedstock for selected chloral-derived chemical processes.

Laboratory and process evaluation: Industrial reagent for controlled chemical development and analytical process trials.

Packaging / Storage

Item	Information
Packing	25 kg fibre drums
Storage	Keep tightly closed and locked up in a cool, dry, well-ventilated place. Protect from light and prolonged air exposure; segregate from strong oxidizers, acids, alkaline metals and incompatible alcohols.
Handling	Use contained transfer and effective local extraction. Wear compatible chemical-resistant gloves, protective clothing and safety goggles. Avoid dust, ingestion and all unnecessary contact; maintain eyewash access and obtain immediate medical help after significant exposure.

Company Contact

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