

Trichloroisocyanuric Acid

Chlorine-releasing isocyanurate oxidizer for industrial formulation and process applications.

CAS No. 87-90-1	EC / EINECS 201-782-8
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Product Information

Trichloroisocyanuric Acid is supplied as white powder, granules or tablets. Grade: Available chlorine $\geq 90\%$.

Specifications

Parameter	Specification
Effective Chlorine	$\geq 90.0\%$
pH (1% solution)	2.7 - 3.3
Moisture	$\leq 0.5\%$

Typical Properties

Property	Typical Value
Synonym	TCCA
Molecular formula	C ₃ Cl ₃ N ₃ O ₃
Molecular weight	232.41 g/mol

Applications

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

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

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

Packaging / Storage

Item	Information
Packaging	25 kg or 50 kg drum, or 1000 kg big bag according to confirmed order.
Storage	Store in a cool, dry and ventilated place away from moisture, acids, reducing agents, organic materials and heat sources.
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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