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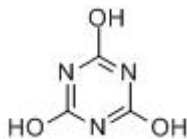
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Technical Data Sheet

Cyanuric acid

Product Information

Chemical Name	Cyanuric acid
CAS #	108-80-5
Formula	C ₃ H ₃ N ₃ O ₃
Molecular Weight	129.07
Synonyms	Tricyanic acid, isocyanuric acid
Chemical Structure	



Description

Colorless white powder or granules

Physical Properties

Appearance and Odor:	White or off white powder.
PH:	4.0-4.5
Melting Point:	360 °C
Boiling Point:	74 °C
Specific Gravity:	1.56

Specification

Item	Specification
Assay	≥ 98.5
Loss on drying	≤ 1.0
Residue ignition%	≤ 0.1
PH value(1%solution)	≥ 4.0
Fe ²⁺ ppm	≤ 10
NH ₄ ⁺ (ppm)	≤ 200
Ash(%)	≤ 0.1

Applications

Mainly used in the synthesis of bactericides, water treatment agents, bleaching agents, cosmetics additive, anti-oxidant, selective herbicides etc.

Also can be directly used as pool chlorine stabilizer.

Packaging

In 25kg or 50kg bag, or 25kg, 50kg plastic drum/cardboard drum, or in 1000kg contain bag or upon clients' request.

Storage & Handling

In airy and dry place, avoid moisture, water, rain or fire; transported with common vehicles.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and Disposal.