



QINGDAO CHEMICALS

Professional Care for your water

Company Introduction

Qingdao chemicals is a professional manufacturer of swimming pool water treatment products. We are committed to providing and marketing quality and safe disinfectant for global consumers.

Our main products are Trichloroisocyanuric Acid (TCCA), Sodium Dichloroisocyanurate (SDIC), Calcium Hypochlorite (CA(ClO)), Cyanuric Acid (CYA).

Products can effectively kill various germs, funguses and viruses. It is effective in deodorizing water, disinfection and bleaching. It can be widely used for swimming pool, drinking water, hospital and epidemic prevention, livestock farming industry and agriculture.

Top quality, high efficiency and best service "is the company's business principle. We always carry out technical upgrading and innovation, be willing to work with customers to establish long-term partnership for mutual development.



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Trichloroisocyanuric Acid(TCCA)



Introduction:

Trichloroisocyanuric acid is an organic compound. It is used as an industrial disinfectant, bleaching agent and a reagent in organic synthesis. This white crystalline powder, which has a strong chlorine odor, is sometimes sold in tablet or granule form for domestic and industrial use.



Usage:

TCCA functions as disinfectant, algicide and bactericide mainly for swimming pools and spas, and bleaching agent in the textile industries. It is widely used in civil sanitation preventing and curing diseases in husbandry and fisheries, fruits and vegetables preservation, wastewater treatment, algicide for recycling water of industry and air conditioning, anti shrink treatment for woolen, treating seeds bleaching fabrics, and organic synthesis.

Item	Specification
CAS NO.	87 - 90 - 1
Molecular formula	$C_3Cl_3N_3O_3$
UN No.	2468
Moisture	$\leq 0.5\%$
Avail. Chlorine	$\geq 90\%$
PH (1% Solution)	2.7 - 3.3
Appearance	white powder, granule, tablet
Granular size	5-8 / 5-15 / 8-30 / 20-60 mesh
Tablets	0.2 / 0.5 / 1 / 2 / 3 / 5 / 7 / 10 / 20 / 200g
Package	Plastic woven bag: 25 / 50 / 1000 kgs Plastic drum: 1 / 5 / 10 / 15 / 20 / 25 / 50 kgs Carton drum/box: 12 / 20 / 25 / 50 / 1000 kgs

TCCA

Sodium Dichloroisocyanurate (SDIC)



Introduction:

Sodium Dichloroisocyanurate (SDIC) is a chemical compound used as disinfectant, biocide, industrial deodorant and detergent. It is more efficient than formerly used water disinfectant. Mechanism of action is the release of chlorine in low concentrations by constant rate.

Usage:

As an highly effective and broadspectrum disinfectant, it sterilizes drinking water, swimming pools, tableware and air. It prevents diseases in the raising of silkworm, fish and shrimp, poultry and livestock. It also can be used to prevent wool from shrinking, to bleach textiles and clean industrial circulating water.

Item	Specification
CAS NO.	2893 - 78 - 9, 51580 - 86 - 0
Molecular formula	$C_3Cl_2N_3NaO_3$
UN No.	2465,3077
Moisture	≤ 4%, 8% - 14%
Avail. Chlorine	56%,60%
PH (1% Solution)	5.5 - 7
Appearance	white powder,granule,tablet
Granular size	5-8 / 8-30 / 20-60 mesh
Tablets	0.2 / 0.5 / 1 / 2 / 3 / 5 / 7 / 10 / 20 / 200g
Package	Plastic woven bag: 25 / 50 / 1000 kgs Plastic drum: 1 / 5 / 10 / 15 / 20 / 25 / 50 kgs Carton drum/box: 12 / 20 / 25 / 50 / 1000 kgs

SDIC

Calcium Hypochlorite ($\text{Ca}(\text{ClO})_2$)

Introduction:

Calcium Hypochlorite is an inorganic compound. This white crystalline powder has strong irritating chlorine and strong oxidizing properties. Mainly used in the bleaching of pulp in the paper industry and the bleaching of cotton, hemp and silk fabrics in the textile industry. It is also used for sterilization and disinfection of urban and rural drinking water, swimming pool water, etc.



Usage:

Calcium Hypochlorite can be widely used as disinfectant, bleaching agent or oxidant resulting from the available chlorine in the product, for example, it has a wonderful disinfection for swimming-pool, drinking water, cooling tower & sewage and waste water, food, farming, Hospital, school, station and household etc., good bleaching and oxidation are also found in paper and dye industry.

Item	CAL-HYPO 65.0%	CAL-HYPO 70.0%
Available Chlorine %	65.0min	70.0min
Water %	5.5-10	5.5-10
Size(12~50 mesh)%	90min	90min
Size(on10 mesh)%	0.5min	0.5min
Size(below10 mesh)%	3.0min	3.0min



Cyanuric Acid (CYA)



Usage:

It can be used as disinfectant, bleach, cleanser, or selective herbicide in agriculture, and to make chlorinated isocyanuric acid, paints and coating. As for the water treatment, it is used as keeping the chlorine content stable.

Storage& Transportation:

Storage in cool, dry places. No contacting with alkaline, reductive or oxidative matter, it can be carried by train, truck, or ships.

Factory:

The rapid development of LANTIAN attributes to the quality control, especially test center. Top quality is our business principle always.



Item	Specification
CAS NO.	108 - 80 - 5
Molecular formula	$C_3H_3N_3O_3$
Moisture	$\leq 0.5\%$
Effective content	≥ 98.5
PH (1% Solution)	≥ 4.0
Appearance	white powder,granule
Package	Plastic woven bag: 25 / 50 / 1000 kgs Plastic drum: 1 / 5 / 10 / 15 / 20 / 25 / 50 kgs Carton drum/box: 12 / 20 / 25 / 50 / 1000 kgs

CYA

Packaging



45Kg & 25Kg



45Kg



10Kg



5Kg



50Kg



25Kg



5Kg

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