

Trichloroisocyanuric Acid

Technical Data Sheet

Product name: Trichloroisocyanuric acid (TCCA)

Molecular formula: C₃N₃O₃Cl₃

CAS : 87-90-1

Dangerous class: 5.1

Properties:

Trichloroisocyanuric acid is an organic compound with the formula (C₃Cl₃N₃O₃).

having a strong taste of chlorine gas. It is a kind of chlorinated isocyanuric acid, which is an important bleaching agent, chlorination agent and disinfectant.

Compared with the traditional chlorination agent (such as liquid chlorine, bleaching powder, calcium hypochlorite etc.), it contents higher effective chlorine, is safer for storage and transportation and owns good sterilization and bleaching effect. It is safe and non-toxic to release effective chlorine in water for a long time.



Standard: HG/T 3263-2001

Items	Index
Appearance	White powder, granular or tablet
Effective chlorine content,% ≥	90
PH,1% aqueous solution	2.7-3.3
Moisture,%≤	0.5

Granular size: 5-8mesh, 8-15mesh, 8-30mesh, 20-60mesh etc.

Tablet size: 200g/tablet, 50g/tablet, 20g tablet, 2g/tablet, 1g/tablet etc.

Multi-functional granular/tablet

Items	Index
Appearance	White granular or tablet with blue fleck
Effective chlorine content,% ≥	86(can be customized)
PH,1% aqueous solution	2.7-3.3
CuSO ₄ ,%≥	2.5(can be customized)
AL ₂ (SO ₄) ₃ ,%≥	2.5(can be customized)

Granular size: 5-8mesh, 8-15mesh, 8-30mesh, 20-60mesh etc.

Tablet size: 200g/tablet, 20g/tablet etc.

Application:

1. [Trichloroisocyanuric acid](#) can be used in water treatment, swimming pool water treatment, drink water treatment and algae removing of industrial circulating water.
2. It can be used in dishware disinfection, preventative disinfection of houses, hotels and public places, hygiene and disease control in hospitals
3. Environment disinfection in fish, silkworm, livestock and poultry feeding places.
4. Moreover, it can also be used in textile cleansing and bleaching, wool shrink resistance, paper insect resistance, and rubber chlorination, etc.

Package:

Packing of Granular & Powder

			
50kg plastic drum	1kg per bag	1kg bottle	20kg carton, 14.7MT per 20'FCL
			
50kg drum without pallet 448drums (22.4MT)	50kg drum with pallet 408drums (20.4MT)	25kg drum 840 drums (21MT)	50kg Fiber drum 432 drums (21.6MT)
			
25kg bag	25MT per 20'FCL	1000kg jumbo bag	American-style reinforcement

Packing of 200g Tablet

			
50kg drum	1 tablet per bag	1kg (5 tablets) per sleeve bag	1kg sleeve bag in 50kg drum
			
1kg (5 tablets) tube	1kg tube in 50kg drum	1kg screwed bottle	20kg carton, 21MT per 20'FCL

Professional Loading



Storage:

Store in cool, dry and well-ventilated area, away from water, fire and heat. Avoid contacting with strong acids, strong alkali and strong reducing agents.

