Technical Data Sheet

Item Name:

TCCA

PRODUCT INFORMATION

Chinese Name:	三氯异氰脲酸
Commodity Name:	TCCA
Chemical Name:	Trichloroisocyanuric Acid
Other Name:	CDB 90, ACL 85, Isocyanuric Chloride, Trichloro-1,3,5-Triazinetrione
CAS No.:	87-90-1
Molecular Weight:	232.409
Molecular Formula:	$C_3Cl_3N_3O_3$

PRODUCT DESCRIPTION

It's white powder or tablet, soluble in dilute alkali, ammonia and pyridine, slightly soluble in water, aqueous solution is not stable, Has strong chlorine pungent taste with different cyanuric acid is a strong oxidant and chlorinating agent.

When meet with moisture and heat, it release nitrogen trichloride. It has no corresion effect to stainless steel. The corrosion of brass is much stronger than that of carbon steel.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White powder or tablet
Available chlorine by wt %	80 min
pH (1%solution)	2.6 - 3.2
Moisture by wt %	0.5 max

MAIN APPLICATION

1.Cross-linked with different cyanuric acid is a highly efficient bleach disinfection, storage stability, easy to use, safe, widely used in food processing, drinking water disinfection, sericulture and rice seed disinfection.

2.Used as a bleaching agent in the printing and dyeing industry, suitable for cotton, linen, wool, synthetic fiber and blended fiber bleaching process.

3.For the use of chlorinated agents in the rubber industry production.

4.Used as a replacement for the hypochlorite to make excellent antioxidant.

PACKING AND SHELF LIFE

Packing: 25/50KG drum
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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