



Pentagon Chemicals

No.7, Thiruverkadu Main Road, Near Ambattur Industrial Estate,
Ayappakkam, Chennai-600 077 Tamilnadu State-South India

Ph No.91-044-26820071 Cell No.9444007960

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SPECIFICATION TCCA 90 (TRICHLOROISOCYANURIC ACID)

Physical Properties	Units
Chemical Name	Trichloroisocyanuric Acid
Formula	C ₃ O ₃ N ₃ Cl ₃
CAS Number1	87-90-1
Molecular Weight	232.44
Appearance	White Powder, Granules
Effective Chlorine	90.0%
PH (1% son)	2.7 to 3.3
Moisture	0.5% max

For PENTAON CHEMIALS

-Sd-

Authorized Signatory



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TCCA 90 TABLETS

SPECIFICATION TCCA 90 (TRICHLOROISOCYANURIC ACID)

PHYSICAL PROPERTIES

Chemical Name
Formula
CAS Number
Molecular weight
Appearance
200 gm tablets effective chlorine

Moisture
Solubility at 25°C
Available as

UNITS

Trichloroisocyanuric Acid
C3O3N3CL3
87-90
232.44

90.0%ph (1% solution)
2.7 to 3.3
0.5% max.
1.2 (gm / 100 gm water)
Tablet - 200 gms

For PENTAGON CHEMICALS

-Sd-

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TCCA 90 Details

The TCCA 90 tablets acts as a disinfecting agent in swimming pools and cleans the water and water bodies. Providing long-lasting effect, the chemical keeps your pool free from the bacteria and algae. Also used in water treatment, the tablet is proved to be a superior and

more economical substitute to bleaching powder and sodium hypochlorite for chlorination applications.

Trichloroisocyanuric acid 90 Tablet with strong microbial activity, TCCA will be converted into hypo chlorous acid (hoCl), through hydrolysis in water. The cyanuric acid, hydrolysis by-product, stops change of hypo chlorous acid into hypochlorite ion (OCl⁻) and acts as a stabilizer due to sunshine and heat that has low microbial activity.