

Technical Data Sheet

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Item Name:

TCS

PRODUCT INFORMATION

Chinese Name:	三氯生
Commodity Name:	Triclosan
Chemical Name:	Triclosan
Other Name:	5-Chloro-2-(2,4-Dichlorophenoxy)Phenol, 2,4,4'-Trichloro-2'-Hydroxydiphenyl Ether
CAS No.:	3380-34-5
Molecular Weight:	289.5
Molecular Formula:	C ₁₂ H ₇ Cl ₃ O ₂

PRODUCT DESCRIPTION

A broad spectrum, efficient, security and non-toxicity antibacterial; Large potency to gram-positive bacterium, gram-negative bacterium, mould and saccharomycetes; Stability: stable in rather high degree, acid or alkali solution; Friendly to human body and environment; pH range of application: 4-10.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Fine, whitish crystalline powder
Purity by wt %	97.0-103.0
Melting point by °C	56~58
Water by wt %	0.1 max
Residue on ignition by wt %	0.1 max
Heavy metals by wt %	0.002 max

MAIN APPLICATION

Buccal disinfectant products. (oral rinse, toothpaste); Personal care products. (facial cleanser, hair and body shampoo, deodorant product); Antibacterial soap and dish washing detergent; Hospital hygiene disinfectant, antibacterial textile finishing agent.

Dosage: 0.1-0.5%, according to the formulation.

(Remark: in the new GB, triclosan is allowed to add in toothpaste. The limitation of dosage is under 0.3%).

PACKING AND SHELF LIFE

Packing: 25kg cardboard drum with PE inner bag

Shelf Life: 36 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.