



## SPECIFICATION SHEET

# TRICLOSAN USP27/29

### IDENTIFICATION

Synonyms: 2,4,4'-Trichloro-2-hydroxydiphenyl ether, 2,4,4'-Trichloro-2'-hydroxydiphenyl ether, 5-Chloro-2-(2,4-dichlorophenoxy)phenol: CH-3565; Irgasan Ch 3635; Irgasan DP 300; Lexol 300; Ster-Zac; Trichloro-2'-hydroxydiphenylether

CAS No: 3380-34-5

Molecular Weight: 289.5451

Molecular Formula: C<sub>12</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>2</sub>

### APPLICATION

Triclosan is a kind of high performance broad spectrum antiseptic which can kill or inhibit gram-positive and gram-negative bacterium, yeast and virus etc. Triclosan is widely used in high-performance medicated soap and sanitary perfumed soap, sanitary washing lotion, tragomaschalia and berimisty deodorizer, sterile hands washing lotion, misty disinfectant for wounds, disinfectant for medical apparatus and instruments, sanitary washing facial milk and cream, air refresher and deodorizer for refrigerator etc, and it can also be used in sorting sanitary textiles and antiseptic treating for plastics. Higher-purity Triclosan are also widely used in therapeutic toothpaste and gargle.

### SPECIFICATION

Appearance:	White to off-white crystalline power
Color ( APHA)	Less than 10
Odour:	Slightly phenolic odour
Assay (HPLC):	99.0~100.0% min
Melting Point:	56~58 deg C
Solubility in 1N NaOH:	Clear or faint turbid
Ash:	0.1% max
Water:	0.1% max
Loss on Drying:	0.1% max

#### Heavy Metals:

Lead	10 ppm max
Arsenic	2ppm max
Copper	10ppm max
Chromium	2ppm max
Cadmium	2ppm max
Mercury	1ppm max
Iron	10ppm max
Nickel	10ppm max

Sum 3 and 4 Monochloro phenols	<10mg/kg
2,4 Dichlorophenols	<10mg/kg

Standard Packaging: 25kgs/fiber drum

**TRANSPORTATION AND STORAGE**

Sealed up, kept in dry and dark place, the storage temperature is never above 40 centigrade degree.

The content of this specification is produced by RPL from information provided from its source. Whilst all care is taken, RPL does not warrant the accuracy of the information and the customer must satisfy itself as to the suitability of the goods for the customers purpose.

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