

## Tributyl Tetradecyl Phosphonium Chloride(TTPC)

**Molecular formula:** C<sub>26</sub>H<sub>56</sub>PCl

**Molecular weight:** 435.15

**CAS No.:** 81741-28-8

### Properties:

TTPC is an innovative non-oxidizing biocide for industrial water systems, featured by good cleaning, excellent bactericidal activity, high surface activity and low foaming properties. Thus, TTPC is a highly effective, synergistic biocide and bio-dispersant for use in cooling water systems and industrial process waters. (Equivalent to BWA Bellacide 350)

### Specification:

Items	Index
Appearance	Colorless to light yellow liquid
Active content, %	48-52
pH	6-8
Specific gravity (20°C), g/cm <sup>3</sup>	0.95-1.00
Solubility in water	Completely soluble
Boiling point (760mm Hg)	100 °C
Flash point	Non-flammable

### Uses:

TTPC has excellent effect in biofouling control and reduced usage cost by 33%. Compared with traditional non-oxidizing biocides like isothiazolone, TTPC is 4 times more effective in biofilm removal. Low-concentrated TTPC is effective enough against most biological races. For customers with high consciousness in performance, TTPC not only effectively prevent microbiological slimes, but also clean heavily fouled systems.

With good compatibility, TTPC can work together with other water treatment additives commonly found in water system. It is also not affected by pH in system and not degraded by ultraviolet light.

### Packing:

950kg IBC.

### Synonyms:

Tributyl Tetradecyl Phosphonium Chloride;TTPC;

Tetradecyl TributylPhosphonium Chloride; BWA Bellacide 350