

# Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

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## TECHNICAL DATA SHEETS

1. Product name:

Flame retardant TDCPP

2. Chemical Name:

PF 38;

Fyrol FR 2;

Emulsion 212;

Tris(1,3-dichloro-2-propyl)phosphate;

Tris(1,3-dichloroisopropyl)phosphate;

Tris(1,3-dichloropropan-2-yl) phosphate;

Tri(beta,beta'-dichloroisopropyl)phosphate;

Tris(1-chloromethyl-2-chloroethyl)phosphate;

Tris(2-chloro-1-(chloromethyl)ethyl)phosphate;

Phosphoric acid tris(1,3-dichloro-2-propyl)ester

3. CAS No.:13674-87-8

4. MF:C9H15Cl6O4P

5. MW:430.9

6. Technical specifications

Item	Specifications
Appearance	Colorless to light yellow liquid
Acid value	≤0.10mg KOH/g
Moisture	≤0.10%
Viscosity	1500~1800CPS
Color	≤100
P content	7~7.5%
Cl content	49~50%

7. Usage

Flame retardant TDCPP is an additive type organic phosphorus flame retardant, which has the characteristics of low volatility, good durability, good oil resistance and

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hydrolysis resistance, and high thermal stability. Flame retardant TDCPP is widely used in soft and rigid polyurethane foam, polyvinyl acetate, polyvinyl alcohol, nitro lacquer, acetate fiber paint, polyvinyl chloride, epoxy resin, phenolic resin, unsaturated polyester resin, polyester Fiber and rubber. Flame retardant TDCPP is also the most ideal composite flame retardant for polyurethane soft foams (sponges). At the same time, it can increase the viscosity and composite strength of polyurethane soft foams. In addition, flame retardant TDCPP is also the raw material for manufacturing flame retardant cables, tarpaulins, rubber and rubber-plastic conveyor belts. In addition to the self-extinguishing properties of the obtained product, they also have properties such as light resistance, water resistance, and antistatic. In addition, flame retardant TDCPP can also be used as an emulsifier and anti-explosion agent for heat transfer oil, lubricating oil and gasoline, and a chemical high boiling point solvent.

## 8. Package

250kg/drum, 1000kg/IBC drum, 23t/ISO tank