



## SIDDHI TRADE ENTERPRISE

### TRICRESYL PHOSPHITE (TCP)

#### CERTIFICATE OF ANALYSIS

Tricresyl Phosphate (TCP), also called tricresylphosphate, tritoyl phosphate, tolyl phosphate, or tri-o-tolyl ester of phosphoric acid, is an organic compound, an organophosphate, an ester of phosphoric acid.

#### Application

- **Leather cloth (PVC)** : Upholstery, Book binding, Seat covers
- **Utility articles** : Footwear, Raincoats, Handbags, Fiberglass, cellulose acetate
- **Extruded articles** : Cables (PVC & rubber), hoses, flexible pipe, coal mining, conveyor belts
- **Coatings** : Nitrocellulose lacquers, phenolic resins, lube oils

- TCP is used plasticizers for vinyl films in agriculture due to its weather resistance property
- Insulator compounds for electric cables and also in the synthetic rubber compounds.
- Lubricant additive and has been proven effective as mild extreme pressure additive for synthetic oil.
- Based oil for fire-retardant hydraulic fluid for minimizing fire-risk from heat source or electric sparks.
- TCP is useful in the clear and dark coloured flame-retardant sheeting where pigmenting or opesifying flame retardants are undesirable

#### Specification

Parameters	TNPP
Structure	$(\text{CH}_3 \text{C}_6 \text{H}_4 \text{O})_3 \text{P}$
CAS No	1330-78-5
Category	Flame retardant
Form	Colorless to Pale Yellow Liquid

<b>Specific gravity at 25 °C</b>	1.165 - 1.175
<b>Acidic Value, mg KOH / gm</b>	0.5 max
<b>Refractive Index at 25 °C</b>	1.540 - 1.560
<b>Phosphorous Content %</b>	8.4-8.5 %

On behalf of [Siddhi Trade Enterprise](#), we are pleased to have the opportunity to work with you and we look forward to establishing a solid, mutually beneficial business relationship.

Please feel free to contact us for further details. Assuring you our best services.

## **SIDDHI TRADE ENTERPRISE**

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