



# Dalian Richfortune Chemicals Co., Ltd.

12A-11 Yangguang Shuma Building, 596 Huang Pu Road,  
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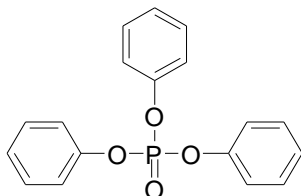
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## Triphenyl phosphate (TPP)

**Chemical Name:** Triphenyl phosphate

**Structural Formula:**



**CAS No:** 115-86-6

**Molecular Formula:** C<sub>18</sub>H<sub>15</sub>O<sub>4</sub>P

**Molecular Weight:** 326.28

### Specification

Appearance	White needle crystal
Assay ( % )	98
Boiling Point( )	370
Flash Point( )	220
Melting Point( )	47-53

**Packaging:** N.W. 25KG/composite paper bag (lined with black plastic bag)

**Properties:** No taste, highly toxic, flammable, slight deliquescence, not decompose at common temperature and atmospheric pressure, can miscibility with ethyl ether, chloroform, acetone, etc.

Slightly soluble in ethanol, insoluble in water.

**Used:** Mainly used as flame retardant plasticizer of engineering plastic and phenolic resin laminated



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board, also used for nitrocellulose, cellulose acetate, and as plasticizer of polyvinyl chloride. Also used as a softening agent of synthetic rubber, resistance to gasoline, incombustible substitute of camphor glue fiber, raw material to manufacture trimethyl phosphate.

**Storage Notes:** Seal stored in cold, dry, ventilated place, away from fire and heat source, apart from oxidant, don't mixed store, equipped with corresponding type and number fire equipment, storage area should be equipped with the right material for leakage content.