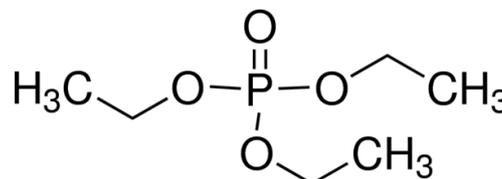


## GC TEP

### Triethyl phosphate

Chemical Formula  
Molecular Weight  
CAS registry number

C<sub>6</sub>H<sub>15</sub>O<sub>4</sub>P  
182  
78-40-0



GC TEP is halogen free additive that finds a wide range of application in the plastics industry: as a flame retardant, plasticizer, polymer resin modifier and carrier present in the matrix. A further use is in other industrial sectors as a solvent, an intermediate for the production of pharmaceuticals, pesticides and lacquers or as an industrial catalyst (e.g. in the manufacture of ketene).

GC TEP is also applied as a component of a car paint repairing product (12 - 18 % w/w) and as a flame retardant in PU-polymers (3% w/w).

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#### PHYSICAL-CHEMICAL PROPERTIES

Appearance	Colorless Transparent Liquid
Assay, %	99.5 min.
Phosphorus Content, %	ab. 17
Moisture, %	0.2 max
Acid Value, mg KOH/g	0.2 max

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HANDLING AND STORAGE:	The processing and use of GC TEP requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC TEP has to be stored in its tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.
PACKAGING:	Standard packaging size of GC TEP is in 250 Kg Drums or 1000 Kg IBC.

#### IMPORTANT NOTE

Some plastic additives, fillers or pigments can influence significantly on flame retardant properties. Before using these products, please be informed.  
Machine stop at high temperature could create degradation of polymers.  
Please clean with neutral polymers.

#### DISCLAIMER:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.