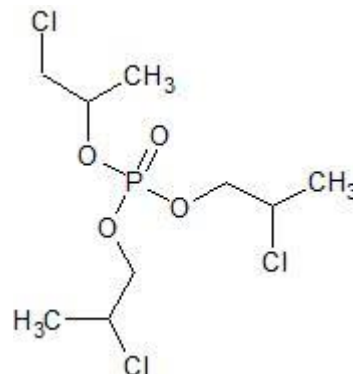


## GC TCPP

### Reaction products of phosphoryl trichloride and 2-methyloxirane

CAS Number 1244733-77-4



**GC TCPP** is a flame retardant used primarily in both rigid and flexible polyurethane foams, PVC, EVA, phenolics and epoxy resins. **GC TCPP** can be added at various points in polyurethane production: either in the production of foams or in the formulation of polyols to modify their viscosity.

#### PHYSICAL-CHEMICAL PROPERTIES

Appearance	Colorless or pale yellow liquid
P Content, %	9.4 ± 0.4
Cl Content, %	32.4 ± 0.5
Acidity, (mg KOH/g)	Max. 0.10
Density, g/cm <sup>3</sup> @ 25°C	1.29
Viscosity (25°C, mPa·s)	60-80
Moisture, %	Max. 0.10

**HANDLING ESTORAGE:** The use of GC TCPP requires technical and professional knowledge. For further information on handling, storage and toxicity consult the safety data sheet. GC TCPP must be stored sealed in a cool, ventilated and weather-protected place.

**PACKAGING:** The standard packaging of GC TCPP is in 1250 kg IBCs.

**IMPORTANT NOTE** Some additives, fillers or pigments can significantly affect the flame retardant properties. Before using the products, we recommend that you investigate this. Machine downtime at high temperatures could cause polymer degradation.

#### 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 improperly 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.