Levagard® TEP-Z
Plastic Additives / Flame Retardants

Description
Levagard® TEP-Z is a phosphorus based flame retardant. It combines a high flame retardant efficiency with a low viscosity.

Chemical composition
Triethyl phosphate (TEP)

CAS Registry Number
78-40-0

Typical properties
- Appearance: clear, colourless liquid
- Phosphorus content: 17.0 % (calculated)
- TEP content: > 99.5 %
- Acid value: < 0.05 mg KOH/g
- Water content: < 0.2 %
- Hazen colour value: < 20
- Refractive index n_D 20°C: 1.405 – 1.407
- Density at 20°C: 1.065 – 1.074 g/cm³
- Viscosity at 20°C: 1.7 mPa·s

Storage
If stored correctly, the product has a minimum shelf life of 2 years.

Packaging
Road tankers / containers, 1060 kg non-returnable containers, 220 kg drums

Applications
Levagard® TEP-Z is used as flame retardant for PIR / PUR rigid foams and thermosets. In addition, it is employed as processing agent in chemical synthesis.

Product safety
Relevant safety data and references as well as possibly necessary warning labels are to be found in safety data sheet.
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