

Chemical composition

Dimethyl propane phosphonate (DMPP)

CAS Registry Number

18755-43-6

Typical properties

Appearance:	clear, colourless liquid
Phosphorus content:	20.3 % (calculated)
DMPP content:	> 98 %
Acid value:	< 0.5 mg KOH/g
Water content:	< 0.1 %
Hazen colour value:	< 20
Refractive index n_D 20°C:	1.4197 – 1.4227
Density at 20°C:	1.072 g/cm ³
Viscosity at 20°C:	2.5 mPa·s

Storage

The product is hygroscopic. Therefore it should be stored in sealed containers. If stored correctly, the product has a minimum shelf life of 9 months.

Packaging

Road tankers / containers, 1000 kg non-returnable containers, 220 kg drums.

Applications

Levagard[®] DMPP is used as flame retardant for PIR / PUR rigid foams and thermosets.

Product safety

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

® = registered trade mark