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Trade registration nr. 50769421 Chamber of Commerce Utrecht

Technical Data Sheet

Product name:	Organic Cyclic Phosphonate
Chemical Name:	Phosphonic acid, methyl-, bis[(5-ethyl-2-methyl-2,2-dioxido-1,3,2-dioxaphosphorinan-5-yl)methyl] ester, mixt. with (5-ethyl-2-methyl-2-oxido-1,3,2-dioxaphosphorinan-5-yl)methyl methyl methylphosphonate
CAS No.:	170836-68-7
Equivalent to:	Amgard CT; Antiblaze CT

Specification:

Appearance	Colorless to clear light yellow viscous liquid
Active Component (%)	93.0 min.
Phosphorus (% w/w)	20 min.
Color	100 max.
pH value (10% suspension)	2.0 – 3.0
Density (@25°C) (g/ml)	1.2 – 1.3
Acid Number (mg KOH/g)	20 max.
Viscosity (@ 20 °C) (Cps)	2,000 – 10,000

Application:

It is an efficient cyclic phosphonate flame retardant for the treatment of textiles. It is non-corrosive with high phosphorus content, excellent water solubility on a wide range of fabric type. Mainly used in furnishing, curtaining, building, special workwear and automotive applications. Meanwhile, it is particularly suitable for the treatment of polyester fabric, T/C blends and PU coating to impart a finish that is durable to washing and dry-cleaning.

Shipping Information:

The package is 125kg drum of 1250kg IBC drum or on customer's request.
1*20FCL can be loaded 12.5mt with pallet or 20mt with IBC drum.
Hazards identification: None.
The substance is not subject to IMO TMDG.