**Description**

Product Name : Tricresyl Phosphate(TCP)
Equivalent Name : Chemtura: Kronitex TCP; Bayer: Disflamoll TKP; Rhodia: TCP
Cas No. : 1330-78-5
Molecular Weight : 368.0

**Application**

TCP is an additive flame retardant plasticizer used in flexible polyurethane foams, whose superiority is demonstrated in excellent hydrolysis stability, good electric insulation performance, superior mildew resistance and abrasion resistance. It can be recommended as flame retardant for synthetic rubber, PVC, polyester, polyolefin, and plasticizer or flame retardant plasticizer for vinyl resin, nitrocellulose, butyl rubber and chloroprene rubber.

**Benefits and Features**

It is a triaryl phosphate ester produced from naturally derived cresols.

**Typical Properties**

- Appearance: Clear liquid.
- Odor: Slightly.
- Color (APHA): 150 max.
- Acid Value (mg KOH/g): 0.1 max.
- Water content (wt.%): 0.1 max.
- Density (25°C g/cm³): 1.170±0.010
- Phosphorus content (wt. theory): 8.4
- Phenol content (ppm): 500 max.
- Viscosity (25°C , mPa·s): 56 - 62
- TGA:
  - 5% weight loss: 222°C
  - 10% weight loss: 239°C
  - 50% weight loss: 289°C
  - 95% weight loss: 333°C

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

**Shipping Information**

Transportation classification: U.N: 3082  Class:9
Packing: 230 kg/drum.4 drum/pallet, 18.4mt/20fcl.

**More information**

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