

IROYAL CHEMICAL

Phosphorus Flame Retardant

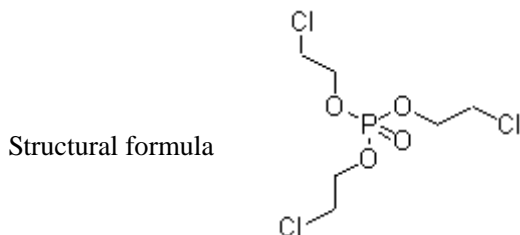
ROYAL[®] TCEP

Date: 18.06.2009

Description

ROYAL[®] TCEP is a low cost chlorine and phosphorous based flame retardant.

Chemical name	Tris(2-chloroethyl) phosphate
Equivalent name	TCEP
Commercial brand	ROYAL TCEP
CAS No.	115-96-8
Molecular formula	C ₆ H ₁₂ Cl ₃ O ₄ P



Technical specification

APPEARANCE:	Clear Transparent Liquid
Color (APHA):	100MAX
Flash point:	220°C MIN
Density:	1.41-1.43
Water Content:	0.1%MAX
Acid value (mgKOH/g)	0.1MAX
Phosphorous Content:	≥10.8%
Chlorine Content:	≥35.6%

Applications

ROYAL TCEP is a fireproof plasticizer with excellent fireproof effect, low-temperature feature and ultraviolet light stability, mainly used in matters in which cellulose nitrate and cellulose acetate as substrate, fireproof paint and plastic. It is also used as fire retardant in polyester, acrylic resin and polyurethane.

Package

- 25kg plastic drum
- 250 kg net in iron drum
- 20-23tons/ISOTANK

General notes: all data given in this leaflet are intended to inform you about our products, they are based on our present knowledge and experience and given without a guarantee and are subject to alterations. We recommend to test our products for their adequacy. A liability for violation of protective rights of third parties or infringements of legal regulations is excluded.