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# Phosphate Flame Retardant

## WSFR-118

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**Product Name:** WSFR-118  
**Chemical Name:** Chlorinated phosphate ester mixture

**Typical properties:**

Phosphorus content (wt. %) 8.5 (Theory)  
Chlorine content (wt. %) 45.0 (Theory)

**Specification:**

Appearance Colorless to yellowish transparent liquid  
Color (APHA)  $\leq 100$   
Acid Value (mgKOH/g)  $\leq 0.1$   
Water content (wt. %)  $\leq 0.1$   
Density (25°C, g/cm<sup>3</sup>) 1.465±0.005  
Viscosity (25°C, mPa·s) 500-800

**Application:**

WSFR-118 is a generally purpose phosphate flame retardant used in flexible polyurethane foams, whose superiority is demonstrated in low cost, high thermal stability, and excellent hydrolytic stability. It is recommended as the flame retardant for the production of molded or block PU foams.

**Packaging:**

300kg net in iron drum.

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**Contact Info**

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