

## Chemfac QS-148

<b>CHEMICAL NAME</b>	Organic Phosphate Ester
<b>INCI NAME</b>	-
<b>CAS NUMBER</b>	39464-69-2
<b>FUNCTION</b>	Emulsifier, Cleaning Agent, Extreme Pressure Additive
<b>TECHNICAL REQUIREMENTS</b>	Color (Gardner)..... 8 Maximum Water, %..... 0.8 Maximum Acid Value (to pH 5.5).....84 – 94 Acid Value (to pH 9.5)..... 135 – 150 Clarity ..... Clear to Slightly Hazy
<b>GENERAL DATA</b>	Appearance @ 25°C..... Viscous Yellow Liquid with Sediment Pounds Per Gallon.....8.595 Specific Gravity @ 25°C..... 1.03 Aqueous Solubility ..... Insoluble to Dispersible
<b>APPLICATION</b>	Chemfac phosphate esters exhibit a variety of properties including emulsification, lubrication, cleaning and wetting. Due to the presence of phosphorous, some of the Chemfac products show excellent extreme pressure (EP) properties in addition to conventional lubricity properties. Certain Chemfac's also exhibit corrosion inhibiting properties when neutralized with amines.

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