

Chemfac NF-100

CHEMICAL NAME	Organic Phosphate Ester
INCI NAME	-
CAS NUMBER	68553-96-8
FUNCTION	Emulsifier, Lubricant, Extreme Pressure Additive
TECHNICAL REQUIREMENTS	Color (Gardner)..... 1 Maximum Water, %..... 1 Maximum Acid Value (to pH 9.5).....490 – 520 Acid Value (to pH 5.5).....270 – 330
GENERAL DATA	Appearance @ 25°C.....Water White to Light Yellow Liquid Pounds Per Gallon.....11.99 Specific Gravity @ 25°C..... 1.44 Aqueous SolubilitySoluble Phosphorus, %..... 15.8
APPLICATION	Chemfac NF-100 is a glycol based free acid phosphate ester which has substantial free phosphorus and moderate alkaline compatibility (20% NaOH). These attributes make it an ideal lubricant and emulsifier additive for water based metalworking fluids and cleaners.

Revision Date: 19.05.2016