

EXOfos PA-080S

CHEMICAL NAME	Phosphoric acid, 2-ethylhexyl ester
INCI NAME	-
CAS NUMBER	12645-31-7
FUNCTION	Wetting agent. Detergent.
TECHNICAL REQUIREMENTS	<p>Appearance at (20÷25)°C..... clear liquid</p> <p>Colour in Gardner scale at (20÷25)°C max 4</p> <p>Acid Value (to the first inflection point), mg KOH/g recorded</p> <p>Acid Value (to the second inflection point), mg KOH/g .. 290 ÷ 350</p> <p>Free Phosphoric Acid, %(m/m)..... recorded</p> <p>Phosphorus, %(m/m)..... 11.2 ÷ 12.0</p> <p>Water, %(m/m)max 1.0</p>
GENERAL DATA	<p>Solubility in water dispersible</p> <p>pH of 1% aqueous solution..... approx. 2</p> <p>Density at 25°C, g/mL approx. 1.02</p> <p>Solidification point, °Cbelow -20</p>
APPLICATION	Used in metalworking, textile, and hard surface cleaner formulations an anhydrous and in aqueous solutions.