

# ROFLAM P LO

<b>CHEMICAL NAME</b>	Tris(2-chloro-1-methylethyl) phosphate (Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylethyl) phosphate and Phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester)
<b>CAS NUMBER</b>	1244733-77-4
<b>FUNCTION</b>	Flame retardant
<b>TECHNICAL REQUIREMENTS</b>	Appearance at 20-25°C..... homogenous, colourless liquid Hazen colour..... max. 50 Acid value, mg KOH/g..... max. 0.10 Water content, % (w/w) ..... max. 0.10 Viscosity at 25 °C, mPa·s..... 61-89
<b>GENERAL DATA</b>	2-methyl-2-pentenal content, mg/kg ..... max. 10 Molecular weight, g/mol ..... 327.5 Solubility in water at 20 °C, g/L ..... poor Other solvents..... methanol, acetone Flash point, °C ..... min. 215 Solidification point, °C ..... below -20 Density at 25 °C, g/cm <sup>3</sup> ..... 1.28-1.30 Refraction Index $n_D^{25}$ ..... 1.462-1.465 Odour..... weak, characteristic
<b>APPLICATION</b>	Mainly recommended for polyurethanes industry, unsaturated polyester resins, epoxy resins, vinyl-acrylic resins and phenolic resins.