



Technical Data Sheet

Product Name	Potassium Polyoxyethylene Laurylether Phosphate		
Synonyms	MAEPK.		
CAS No	58318-92-6		
Formula	[RO(CH ₂ CH ₂ O) _n] ₂ PO(OK) R:C=12-14 n=3 or 9		
Properties	A kind of anionic surfactant for detergent products with good skin compatibility. Mainly used as anionic surfactant or auxiliary based surfactants.		
Character	<ol style="list-style-type: none">1. Mild and strong infiltration capacity;2. Fast foaming with fine and smooth foams;3. Easy to dissolve in water-organic system, can be dissolved in water in any ratio, solubility is independent of temperature;4. Water solution can be made of high transparency;5. Good compatibility with alcohol ether sulfate, lauryl sulfate and other various types of surfactants;6. Very Good acid-base stability.		
Specification	Appearance (20°C)	Colorless to light yellow transparent liquid	Colorless to light yellow paste
	Content (%)	30±2.0	70±2.0
	pH (1% aq. solution)	6.0 – 7.5	6.0 – 7.5
Application	Mainly used for mild baby care product and high-grade shampoo, foam cleansing cream, bath gel, hand washing liquid etc. Especially suitable for transparent and antifreezing products. MAEPK can obtain highest activity and stability at a pH of about 6.2. The recommended dosage: 3%-12%.		
Hazard Class	Non-dangerous goods		
Packing	200kgs net plastic drum. 50kgs net plastic drum.		
Shipment size	1*20'FCL = 16MTS 1*20'FCL = 24MTS		