



**凯美亚化学有限公司**  
KEMIACHEM CO., LIMITED.

## Technical Data Sheet

<b>Product Name</b>	Potassium Polyoxyethylene Laurylether Phosphate		
<b>Synonyms</b>	MAEPK.		
<b>CAS No</b>	58318-92-6		
<b>Formula</b>	[RO(CH <sub>2</sub> CH <sub>2</sub> O) <sub>n</sub> ] <sub>2</sub> PO(OK)      R:C=12-14    n=3 or 9		
<b>Properties</b>	A kind of anionic surfactant for detergent products with good skin compatibility. Mainly used as anionic surfactant or auxiliary based surfactants.		
<b>Character</b>	<ol style="list-style-type: none"><li>1. Mild and strong infiltration capacity;</li><li>2. Fast foaming with fine and smooth foams;</li><li>3. Easy to dissolve in water-organic system, can be dissolved in water in any ratio, solubility is independent of temperature;</li><li>4. Water solution can be made of high transparency;</li><li>5. Good compatibility with alcohol ether sulfate, lauryl sulfate and other various types of surfactants;</li><li>6. Very Good acid-base stability.</li></ol>		
<b>Specification</b>	Appearance (20℃)	Colorless to light yellow transparent viscous 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
<b>Application</b>	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%.		
<b>Hazard Class</b>	Non-dangerous goods		
<b>Packing</b>	200kgs net plastic drum. 50kgs net plastic drum.		
<b>Shipment size</b>	1*20'FCL = 16MTS 1*20'FCL = 24MTS		