




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

## Technical Data Sheet

<b>Product Name</b>	Lauryl phosphate mono ester	
<b>Synonyms</b>	Lauryl Phosphate; Lauryl alcohol phosphate acid ester; MAP.	
<b>CAS No</b>	12751-23-4	
<b>Formula</b>	R-OPO(OH) <sub>2</sub>	
<b>Molecular Structure</b>		
<b>Character</b>	<ol style="list-style-type: none"><li>1. Excellent emulsification and solubilization. Excellent emulsifying ability for animal and vegetable fats, fatty acid ester, silicone oil, mineral oil.</li><li>2. It is a kind of mild surfactant. Non-toxic, no stimulation, similar to the natural phospholipid, very good affinity with the skin.</li><li>3. Rich, dense and stable foam. Very good feel when contact with the skin, easy to wash.</li><li>4. Easily compound with other surfactants to improve the foam stability in hard water.</li><li>5. Anti-static, corrosion resistance, acid and alkali resistance, high temperature resistance.</li><li>6. Often used in salt by neutralized with NaOH, KOH, triethanolamine, ammonia, etc.</li></ol>	
<b>Specification</b>	Appearance (25℃)	White to light yellow cream block or powder
	Solid Content (%)	97 min.
	Phosphoric acid (%)	5.0 max.
	PH (10/L 10%Ethanol)	3.0 max.
<b>Application</b>	Widely used in personal care and cleaning products, such as foaming cleansers, bath gel, cream, lotion, etc.. The recommended dosage: 3% - 10%	
<b>Hazard Class</b>	Non-dangerous goods	
<b>Packing</b>	50kgs net plastic drum.	
<b>Shipment size</b>	1*20'FCL = 24MTS	