



Emulsifier SG series

[Chemical composition] stearic acid polyoxyethylene ether

[Type] nonionic

[Technical indicators]

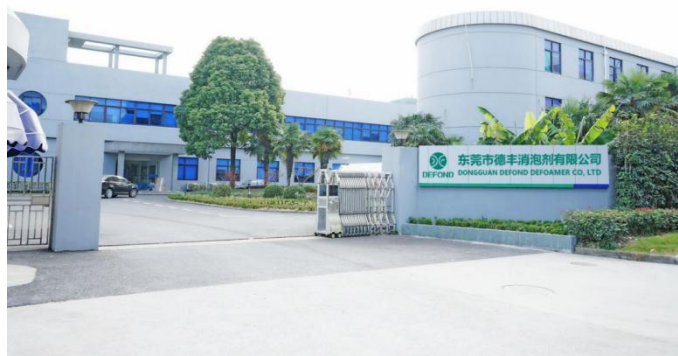
Specification	Appearance (25℃)	ColorPt-Co	Saponification valuemgKOH/g	Water mL	Water Content (%)	Ph Value (1% water solution)	HLB Value
SG-6	Creamy solid	≤40	102~118	4~8	≤1.0	5.0~7.0	9~10
SG-9	Creamy solid	≤40	79~89	—	≤1.0	5.0~7.0	~12
SG-10	Creamy solid	≤40	75~85	—	≤1.0	5.0~7.0	12~13
SG-12	Creamy solid	≤40	66~72	—	≤1.0	5.0~7.0	12.5~13.5
SG-20	Creamy solid	≤40	46~52	—	≤1.0	5.0~7.0	14.5~15.5
SG-40	Creamy solid	≤40	23~33	—	≤1.0	5.0~7.0	16.5~17.5
SG-50	Creamy solid	≤40	20~24	—	≤1.0	5.0~7.0	17.5~18
SG-100	Creamy solid	≤40	10~14	—	≤1.0	5.0~7.0	18.5~19

[Performance and application]

Specification	performance and application
SG-6	<ol style="list-style-type: none"> 1. It is diffused in water and has good softness and lubricity. 2. In synthetic fiber industry, it is one of the chemical fiber spinning finishes, can be used as a softener for fiber processing, has good antistatic and lubricity. Softening agent is used in weaving process to reduce the phenomenon of broken ends and improve the fabric handle. 3. In cosmetics as emulsifier, the general dosage is 1~3%. 4. Used as an emulsifier for emulsification of paraffin. As an emulsifier in lubricating oil production.



<p>SG-9 SG-10</p>	<ol style="list-style-type: none"> 1. It is diffused in water and has good emulsifying and washing efficiency. 2. In cosmetics, ointment, paste, shoe polish and other products applied as emulsifiers, and thickening effect. 3. In textile industry, emulsifiers and oils used for synthetic fiber finishing have softness and antistatic properties. 4. As thickener and stabilizer in paper starch coating. 5. Lubricants used in cable transmission lines.
<p>SG-12 SG-20</p>	<ol style="list-style-type: none"> 1. Soluble in ethanol and other solvents, dispersed in water, stable to a variety of electrolytes, with good emulsifying, soft, antistatic properties. 2. Textile industry as softener and antistatic agent, cosmetics, food, pharmaceutical industry as emulsifier and solvent, but also can be used in paperboard, construction board, waterproof wax emulsion.
<p>SG-40 SG-50 SG-100</p>	<ol style="list-style-type: none"> 1, soluble in water, ethanol, carbon tetrachloride and so on, has good emulsification, wetting, complexation, thickening performance. 2. In pharmaceutical industry applied as emulsifier, solvent, ointment matrix, cosmetics industry as emulsifier, detergent, textile industry as softener, antistatic agent, food industry as emulsifying additives.



**[Packaging and storage]**

200kg iron drum, 50kg plastic bucket packing.

This series of products is non-toxic, non flammable and stored and transported according to general chemicals.

Store in dry and ventilated place.

The shelf life is two years.

Contact us

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