

Polyethylene Glycol Methyl Ether (MPEG)

Product No.	D036-1000
CAS No.	9004-74-4
Molecular formula	$\text{CH}_3\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$ $n=22\sim 33$
Other name	Methoxy poly(ethylene glycol), Polyethylene glycol monomethyl ether, MPEG

Specifications

Appearance	White to yellowish solid
PH 5% water solution	4-7
Molecular weight	950-1050

Application: MPEG is used in many applications from industrial manufacturing to medicine. Its water solubility, wettability and physiological characteristics make it very attractive for the cosmetic and pharmaceutical industry. It is also used in food products and as processing aid in many industrial applications. Common uses are as surfactant, dispersing agent, solvent, excipient, ointment. Its functionality depends of its molecular weight. MPEG with low molecular weight average (less than 2000) are used as wetting agent, viscosity modifier. Higher molecular weight MPEG (more than 2000) are used to produce MPEG acrylic esters, which are used as efficient reducing agent in the materials of constructions needed for high strength structures.

Packing: 200KG iron drum and plastic drum.

Handling: Please download MSDS and print as many as needed for handling instruction.

Contact us:

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Polyethylene Glycol Methyl Ether (MPEG)

Product No.	D036-2000
CAS No.	9004-74-4
Molecular formula	$\text{CH}_3\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$, n=22~33
Other name	Methoxy poly(ethylene glycol), Polyethylene glycol monomethyl ether, MPEG

Specifications

Appearance	White to yellowish solid
Moisture	0.5% max
Diol value	1.5% max
pH value	5-7
Molecular weight	1900-2100

Application: MPEG is used in many applications from industrial manufacturing to medicine. Its water solubility, wettability and physiological characteristics make it very attractive for the cosmetic and pharmaceutical industry. It is also used in food products and as processing aid in many industrial applications. Common uses are as surfactant, dispersing agent, solvent, excipient, ointment. Its functionality depends of its molecular weight. MPEG with low molecular weight average (less than 2000) are used as wetting agent, viscosity modifier. Higher molecular weight MPEG (more than 2000) are used to produce MPEG acrylic esters, which are used as efficient reducing agent in materials of constructions needed for high strength structures.

Packing: Big bag or IBC.

Handling: Please download MSDS and print as many as needed for handling instruction.

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