

## FDM FTIR Surfactants (430 Spectra)

These transmission spectra are useful for those working with both surfactants and polymer additives since the two areas intersect broadly. The spectral range is 500 cm<sup>-1</sup> to 4000 cm<sup>-1</sup> and the optical resolution is 4 cm<sup>-1</sup>.

Contains several surveys of important families of compounds are covered including:

PEG 200-6000 mono[ laurates, stearates, oleates, ricinoleates]  
PEG 200-6000 di[ laurates, stearates, oleates ]  
and pentaerythritols, nonylphenols, octylphenols, lignosulfonates, and triethanolamines, and many surfactant materials formulated with

Abietates	Ethanolamides	Palmitates
Amides	Glycols	Stearates
Amines	Laurates	Sulfonates
Caprates	Myristates	Ricinoleates
Diamides	Naphthenates	
Diamines	Oleates	

Samples from the chemical name index:

Oleic acid	POE nonylphenol (20 mol EtO)
Oleic acid diethanolamide	POE nonylphenol (4 mol EtO)
Oleic acid monopropylamide	POE nonylphenol (6 mol EtO)
Oleic acid, polyglycerol ester	POE nonylphenol (8 mol EtO)
Oleyl amine	POE nonylphenol (9-10 mol EtO)
Oleylamine acetate	POE octyl phosphate (12 mol EtO)
Palmitic acid	POE Oleic acid (9 mol EtO)
Pentaerythritol dioleate	...
Pentaerythritol distearate	Polyethylene glycol 1000 dilaurate
Pentaerythritol monolaurate	Polyethylene glycol 1000 dioleate
Pentaerythritol monooleate	Polyethylene glycol 1000 monolaurate
Pentaerythritol monostearate	Polyethylene glycol 1000 monooleate
Pentaerythritol tetraricinoleate	Polyethylene glycol 1000 monoricinoleate
Pentaerythritol tetrastearate	Polyethylene glycol 1000 monostearate
Pentaerythritol trioleate	Polyethylene glycol 1540 dilaurate
POE cetyl alcohol ether (20 mol EtO)	Polyethylene glycol 1540 distearate
POE coco amine (10 mol EtO)	Polyethylene glycol 1540 monolaurate
POE coco amine (15 mol EtO)	Polyethylene glycol 1540 monooleate
POE coco amine (2 mol EtO)	Polyethylene glycol 1540 monostearate
POE coco amine (5 mol EtO)	Polyethylene glycol 200 dilaurate
POE Coco fatty acids (5 mol EtO)	Polyethylene glycol 200 dioleate
POE Duomeen T (3 mol EtO)	Polyethylene glycol 200 distearate
POE Hydrog. tallow amide (5 mol EtO)	Polyethylene glycol 200 monolaurate
POE Hydrog. tallow amide (50 mol EtO)	Polyethylene glycol 200 monooleate
POE Lanolin	Polyethylene glycol 200 monoricinoleate
POE Lauric acid (14 mol EtO)	Polyethylene glycol 200 monostearate
POE Lauric acid (9 mol EtO)	Polyethylene glycol 300 dilaurate
POE lauryl alcohol ether (23 mol EtO)	Polyethylene glycol 300 monolaurate
POE lauryl alcohol ether (4 mol EtO)	Polyethylene glycol 300 monooleate
POE nonylphenol (1-2 mol EtO)	Polyethylene glycol 300 monostearate
POE nonylphenol (10-11 mol EtO)	Polyethylene glycol 400 dilaurate
POE nonylphenol (12 mol EtO)	Polyethylene glycol 400 dioleate
POE nonylphenol (15 mol EtO)	Polyethylene glycol 400 distearate