

Formates; Acetates; Propionates; Butyrates

Product	CAS No.	Applications
<b>Glyceryl TriAcetate (Triacetin)</b>	102-76-1	Food, Flavours & Fragrances, Pharmaceutical, Cigarette, Plasticiser, Foundry, Textiles
<b>Glyceryl DiAcetate (Diacetin)</b>	25395-31-7	Food, Flavours & Fragrances, Plasticiser, Foundry
<b>1,3-Butyleneglycol DiAcetate (1,3-BGDA)</b>	1117-31-3	Foundry
<b>EthylDiGlycol Acetate (EDIGA)</b>	112-15-2	Solvent, Coalescing Agent
<b>Ethyleneglycol DiAcetate (EGDA)</b>	111-55-7	Solvent, Coalescing Agent, Foundry
<b>Propyleneglycol DiAcetate (PGDA)</b>	623-84-7	Solvent, Coalescing Agent, Foundry
<b>Triethyleneglycol DiAcetate (TEGDA)</b>	111-21-7	Foundry
<b>Diethyleneglycol DiFormate (DEGDIF)</b>	120570-77-6	Textiles, Oilfield
<b>Glyceryl TriPropionate (Tripropionin)</b>	139-45-7	Feed
<b>Glyceryl MonoPropionate (Monopropionin)</b>	26894-50-8	Feed
<b>Glyceryl TriButyrate (Tributyryn)</b>	60-01-5	Feed, Flavour
<b>Glyceryl MonoButyrate (Monobutyryn)</b>	557-25-5	Feed

### Excellence in Esters

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## Fatty acid Esters

### Sorbitan Derivatives

	HLB		HLB
Sorbitan MonoOleate (SMO)	4.6	Sorbitan MonoLaurate (SML)	8.6
Sorbitan SesquiOleate (SSO)	3.7	Polysorbate 20	16.7
Sorbitan TriOleate (STO)	2.3	Polysorbate 60	14.9
Sorbitan MonoStearate (SMS)	4.7	Polysorbate 80	15.0
Sorbitan TriStearate (STS)	2.1		

### PEG Esters

	HLB		HLB
PEG 200 – 600 Mono & DiOleates	4.6 – 15.6	PEG 200 – 2000 Mono- & DiStearates	4.5 – 16.7
PEG 200 – 600 Mono & DiLaurates	5.9 – 11.9	PEG 400 DiRicinoleate	8.3

### Glyceryl Esters

	HLB		HLB
Glyceryl MonoOleate (GMO)	5.1	Glyceryl Tri C8-C10 (MCT Oil)	
Glyceryl MonoLaurate (GML)	4.9	PolyGlycerol PolyRicinoleate (PGPR)	
Glyceryl MonoStearate NSE (GMS-NSE)	3.4	PolyGlycerol Oleate (PGO)	
Glyceryl MonoStearate SE (GMS –SE)	4.4	PolyGlycerol	

### Other Esters

	HLB		HLB
EthyleneGlycol MonoStearate (EGMS)	2.0	Ricinoleyl Ricinoleate	
EthyleneGlycol DiStearate (EGDS)	1.5	TriMethylolPropane TriOleate (TMPTO)	
PropyleneGlycol DiOleate (PGDO)	7.3	Pentaerythritol TetraOleate (PTO)	

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