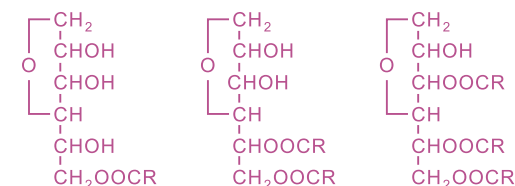




Hinon[®] Series

Sorbitan Fatty Acid Esters



Product

Item SPECIFICATIONS

Composition	Appearance (at 30°C)	Acid Value	Moisture (%)	Sap. Value	Solid. Temp. °C	Color (G)	HLB Number
Sorbitan Monolaurate	Oily Liquid	10▼	1.5 max	150 - 160	20 max	5▼	8.6
Sorbitan Monopalmitate	Waxy Solid	10▼	1.5 max	135 - 155	mp 47-53	5▼	6.7
Sorbitan Monostearate	Waxy Solid	10▼	1.5 max	140 - 160	mp 54-59	5▼	4.7
Sorbitan Monooleate	Oily Liquid	10▼	1.5 max	145 - 160	5 max	8▼	4.3
Sorbitan Monooleate	Oily Liquid	6▼	1.0 max	148 - 158	5 max	8▼	4.4
Sorbitan Trioleate	Oily Liquid	10▼	1.5 max	160 - 190	0 max	9▼	1.8

Item SPECIFICATIONS

Solubility Tendencies : 25°C, 1-10%					
Water	Ethanol	Mineral oil	White spirit	Toluene	Paraffin oil
D	S	S	SH	S	S
I	SW	SW	SW	S	SWH
I	SW	SW	SW	S	SWH
I	SW	S	S	S	S
I	SW	S	S	S	S
I	SW	S	S	S	S

Additional information

D : Dispersible DW : Dispersible warmed (±50°C) I : Insoluble S : Soluble SH : Soluble hazed

SW : Soluble warmed (±50°C) SWH : Soluble warm hazed (±50°C)

Main Applications

Fibre lubricant & softener
 Antistatic agent for plastics & other high molecular products
 Cutting lubricant emulsifier
 Dispersant for ink, pigment
 Defoamer
 Additive for cutting lubricants
 Antistatic agent for synthetic textiles & resin