



Histar®

Product

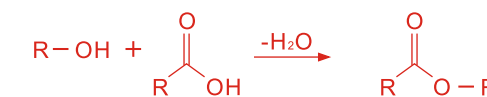
Item SPECIFICATIONS

Item TYPICAL CHARACTERISTICS

Product	Chemical Name	Appearance 25°C	Color APHA G	Acid Value	Sap. Value	Iodine Value	Water Content(%)	Specific Gravity (15°C / 4°C)	Item TYPICAL CHARACTERISTICS						
									Viscosity [1] 40°C	Viscosity 100°C	Index	Melting Point (°C)	Cloud Point (°C)	Pour Point (°C)	Flash Point (C.O.C, °C)
ML*	Methyl Laurate	Clear Liquid	50 ▼	0.5 max	255-265	0.5 max	0.1 max	0.86-0.87	2.5	-	-	-	-	-	>120
MM*	Methyl Myristate	Clear Liquid	50 ▼	0.5 max	225-235	0.5 max	0.1 max	0.86-0.87(25°C)	3.4	-	-	-	-	-	>120
MP*	Methyl Palmitate	Clear Liquid(40°C)	50 ▼	0.5 max	200-210	0.5 max	0.1 max	0.85-0.86(40°C)	4.8	-	-	-	-	-	>120
MS	Methyl Stearate	Clear Liquid(40°C)	120 ▼	0.5 max	190-205	1.0 max	0.1 max	0.85-0.87(40°C)	-	-	-	-	-	-	>160
MS75*	Methyl Stearate	Clear Liquid(50°C)	120 ▼	0.5 max	182-202	2.0 max	0.1 max	0.85-0.87(40°C)	-	-	-	-	-	-	>160
MO	Methyl Oleate	Yellow Liquid	7 ▼	7.0 max	185-195	95 max	0.5 max	0.87-0.88	4.3	1.6	-	-	-5	-15	>170
1217	Methyl Alkylate	Yellow Liquid	3 ▼	0.5 max	180-200	42-52	0.1 max	0.86-0.89(25°C)	4.6	1.7	-	-	16-20	14-18	>160
BO*	n-Butyl Oleate	Yellow Liquid	4 ▼	2.0 max	163-173	73-83	0.5 max	0.86-0.88	6.1	2.1	165	165	-10 ▼	-18 ▼	>185
BS	n-Butyl Stearate	L.Yellow Liquid(30°C)	60 ▼	0.5 max	165-175	1.0 max	0.5 max	0.84-0.86(30°C)	6.7	2.4	221	221	23-27	-	>180
IBO*	i-Butyl Oleate	Yellow Liquid	4 ▼	2.0 max	163-173	73-83	0.5 max	0.86-0.88	6.1	2.2	207	207	-20	-35 ▼	>180
IBS*	i-Butyl Stearate	L.Yellow Liquid(30°C)	80 ▼	0.5 max	165-175	1.0 max	0.5 max	0.85-0.86(30°C)	6.9	2.3	167	167	17-22	19 ▼	>170
IOP*	i-Octyl Palmitate	L.Yellow Liquid	50 ▼	0.5 max	145-155	1.0 max	0.5 max	0.85-0.87	8.5	2.5	124	124	0	0	>200
IOS	i-Octyl Stearate	L.Yellow Liquid	50 ▼	0.5 max	142-152	1.0 max	0.5 max	0.85-0.87	9.2	2.9	187	187	8	8 ▼	>200
IOO	i-Octyl Oleate	Yellow Liquid	4 ▼	0.5 max	140-150	60-70	0.5 max	0.86-0.87	8.5	2.8	203	203	-25	-30 ▼	>200
ITDS	i-Tridecyl Stearate	L.Yellow Liquid	60 ▼	0.5 max	120-130	1.0 max	0.5 max	0.87-0.88(25°C)	17.2	4.4	179	179	15	7 ▼	>230
2219	Laurly Oleate	L.Yellow Liquid	4 ▼	1.0 max	120-130	50-60	0.5 max	0.85-0.87(25°C)	12.3	3.7	212	212	23	-3 ▼	>220
1321	Di-i-Octyl Sebacate	L.Yellow Liquid	60 ▼	0.1 max	258-268	1.0 max	0.5 max	0.91-0.92	11.6	3.4	185	185	-40	-50 ▼	>200
0601	Di-i-Tridecyl Adipate	L.Yellow Liquid	50 ▼	0.5 max	217-227	1.0 max	0.5 max	0.90-0.92	24.5	4.9	126	126	-30	-40 ▼	>230
1324	Di-i-Octyl Maleate	L.Yellow Liquid	80 ▼	5.0 max	325-334	1.0 max	0.5 max	0.94-0.95	9.1	-	-	-	-30	-40 ▼	>180
PGDO	PG-di-Oleate	L.Yellow Liquid	6 ▼	3.0 max	181-191	79-89	1.0 max	0.89-0.92	22	-	-	-	-10	-10 ▼	>230
0901	Tri-i-Tridecyl trimellitate	L.Yellow Liquid	3 ▼	0.5 max	214-234	1.0 max	0.5 max	0.95-0.96	295	19.2	69	-	-15	-20 ▼	>190

Fatty Acid Esters with Alcohols

M-Series



Main Applications

Intermediate for the manufacturing of alkanol amides and other fatty acid derivatives
 Oilness improver in metal working lubricants
 Lubricity additive in fibre lubricant composition
 Processing aid/lubricant in thermoplastics & rubber
 Cosmetics and toiletries additives
 Pigment carrier
 Lubricants for aluminum metal rolling oils