

CLASS 1400

Esters and partial esters of polyhydric alcohols and monobasic acids, non-drying.

1400-1429 Esters of dihydric alcohols

1430-1459 Esters of trihydric alcohols, and
their mono- and tri- glycerides

1460-1499 Esters of tetra or higher poly-
hydric alcohols

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Number	Previous	Name	Melting Point °C	AV/NV	Body GHT	Body GHT	Sec.
<u>Esters of dihydric alcohols</u>							
(14C6)	CW(2097)	Flexol Plasticizer 400*			A	0.7	
(14C12)	(4073)	Flexolyn Solution 80%		12Max	O	5.4	
(14C11)	CW(3108)	Diglycol Laureate					
(14C5)	CW(2202)	Advawet 32-C-100		10Max	A-D	0.7-1.4	
14D1		Lard					
14P1	FW431	Diglycol Stearate S	130-140	95-105			
<u>Esters of trihydric alcohols</u>							
(14A1)	(3018)	Castor Oil #3		5-10	U	8	
14A2	583	Japan Wax	122-133	6-20			
(14C7)	(3003)	Coconut Oil		0.5Max	A	0.7	
14C10	CW2743	Coconut Oil Chips					
(14C13)	(3009)	Cottonseed Oil		1.0Max	A	0.7	
(14F3)		Glycerol Monoricinoleate S					
<u>Higher polyhydric alcohols</u>							
(14C9)	(5086)	Tween 81*			O-T	5-8	
(14F2)	FW(319)	Pflaumer's Reagent #153					

- * (14C6) - Polyethylene Glycol Di-2 ethyl-hexanoate
 (14C9) - Polyoxyethylene Sorbitan Monooleate

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Color Gard Max	Iodine Number	Specific Grav. 75°F	#/G 75°F	Remarks	Number
WW		0.986	8.21	Lacquer Plasticizer	(14C6)
10		0.989	8.24		(14C12)
Straw		0.960		Kem Tone	(14C11)
14	35-40	1.025	8.54	Kem Tone	(14C5)
		0.912	7.60	Gibbsboro Spec.	14D1
White		0.960	8.0	Vinyl Anti-tack	14P1
7	83			LOM Dehydrol	(14A1)
Pale	4-15	0.980	8.15	Gym Floor Varnish	14A2
3	6-10	0.920	7.66	Dry Color	(14C7)
				Dry Color	14C10
13	105-114	0.920	7.66		(14C13)
Amber		1.020	8.50	Defoam & Emulsifier	(14F3)
8		1.025	8.68	Agricultural Sherdye	(14C9) (14F2)

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Remarks

- 14A2 Japan Wax when utilized in Gym Floor Varnishes imparts a "no burn" characteristic. In small amounts it is not deleterious to drying.
- (14C5) Advawet 32-C-100 is a non-ionic surfactant.
- (14C11) Diglycol Laureate serves as a wetting agent, an emulsifying agent for oils and hydrocarbon solvents, and as an oil soluble dye solvent.
- (14C12) Flexalyns are non-hydroscopic resins compatible with most hydrophobic and hydrophilic film formers. They are used as softeners and tackifiers of other resins lacquers, caseins and parlon paints.
- (14C13) Cottonseed oil, a semi-drying oil ranking below soya and corn, is used in alkyd resins.
- (14F3) Glyceryl monoricinoleate S is used as a solvent for oil soluble dyes, as a non-drying emulsifying agent and as a defoamer in polystyrenes. It is self-dispersible in water and soluble in alcohol and vegetable oil, but insoluble in hydrocarbons.
- 14P1 Diglycol Stearate S is used as a vinyl and raw rubber anti-tack agent, also as a hydroscopic pigment suspender and dispersion agent. It can be used as a thickening agent as an emulsifying agent for oil, waxes and solvents, and as a plasticizer and lubricating agent in urea formaldehyde formulations.