



Valifast Solubility (g/l) Chart

Product Name	C.I. Name	Fastness Properties										Solubility (g/l)											Registration				
		Bleeding Fastness					Heat Stability			Chemical Fastness		Methanol	n-Butanol	iso-Propanol	Ethyl acetate	Ethylcelluosolve	MEK	Toluene	Ethanol	n-Propanol	Ethylacetate 200cc Methanol 250 cc	Ethylacetate 400cc Toluene 600cc	Ethylacetate 50cc Butylacetate 250cc n-Butanol 100cc Toluene 300cc	TSCA USA	EINECS EUROPE	AICS Australia	
		Lightfastness	White Laquer	Soap Fel	Edible Oil	Butter	150°C, 30 min	180°C, 10 min	200°C, 1 min	Alkali 3% NaOH 24 hrs	Acid 3% H3PO4 24 hrs																Water 24 hrs
RED 1308	Dye Complex	3-4	3	3	3-4	3-4	B	B	V	B	B	A	200	90	60	Trace	200	Trace	Trace	400	60	200	Trace	Trace	0	0	0
RED 1320	Basic Red 1																	Trace	90					0			
RED 1355	Basic Red 1																	Trace	300					0			
RED 1364	Basic Red 1:1																	<50	150					0			
RED 1388	Basic Red 1																	Trace	200					0			
RED 2303	Acid Red 180																	<50	<150					0			
RED 2320	--																	Trace	100					0			
RED 3304	Solvent Red 8	7-8	4	4	5	5	A	A	A	A	A	A	40	140	13	100	150	>500	Trace	300		145	28	8	0	0	0
RED 3306	Solvent Red 122	7-8	4	4	4-5	4-5	A	A	A	A	A	A	2	13	2	11	>500	>500	Trace			>500	24	4	0	0	0
RED 3320	Solvent Red 132	7-8	4	5	5	5	A	A	A	A	A	A	195	10	Trace	Trace	200	200	Trace	<150		190	10	Trace	0	0	0
PINK 2310-N	Solvent Red 218	4-5	3	3	3-4	3-4	B	B	V	A	A	A	3	Trace	Trace	Trace	>200	200	Trace	Trace		>200	Trace	Trace	0	0	0
PINK 2312	Solvent Red 49+																	>300		<100					0	0	0
RED 3311	Solvent Red 8	7-8	5	5	5	5	A	A	A	A	A	A	99	81	60	154	>200	>200	3.6	400	60	82	22	54	0	0	0
RED 3312	Solvent Red 122	7-8	4	4	4-5	4-5	A	A	A	A	A	A	200	>200	>200	>200	>200	>200	2	400	200	>200	>200	>200	0	0	0
BROWN 2402	Dye Mixture																	<150		<200					0	0	0
BROWN 3402	Dye Mixture																	200		<150					0	0	0
BROWN 3405	Dye Mixture																	150		<100					0	0	0
BLUE 1603	Dye Salt	3-4	3	3	4	3-4	B	B	V	B	B	A	>500	95	Trace	Trace	>500	Trace	Trace			400	Trace	Trace	0	0	0
BLUE 1605	Solvent Blue 38	5	4	4	5	5	A	A	B	A	A	A	>500	5	2	Trace	>500	Trace	Trace	500	2	100	Trace	Trace	0	0	0

Fastness Ratings:

Lightfastness	8 Classes,	8 = Highest	1 = Lowest
Bleeding	5 Classes,	5 = Highest	1 = Lowest
Other Fastness	3 Classes,	A = Highest	C = Lowest

