Certificates



EUROPE				Sustai	Sustainability Support Services (Europe) AB			
Sustainability Support Services (Europe) AB; (SSS)								
REAC	H Pre-registration Submission Reg	ort from the	e Only Represe	ntative - SSS				
Dated	1: 10 th October 2013							
Comp	any: ANKIT INDUSTRIES							
	Please note that the provision for never exported below mentioned s							
case the p	any of the information provided by re-registrations of such substance:	the compar	ny is found inco				y deactivate	
case the p	any of the information provided by re-registrations of such substances Name befrascdium 7-[[2-(amino carbony)] amino[4-[4]-civione-6[3-[4]-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2	the compar i.	ny is found inco	orrect at a later stage, SS	S (Europe) AB will	Deadline	y deactivate	
Sr. No	any of the information provided by re-registrations of such substances: Name strasscium 7-[12-[amino carbonyl jaminol-4-[4-chion-6-[3-4]2-[2-uphonatoovjethyl suphonyl[bhenyl]aminol-1-3,5- risain-2-y[aminol phenyl[amo] naphrisalene-1-3,6-risuphonate PRACTIVE VELLOW 165 195% /	the compari. EC No.	Submission Number	Pre-registration number	Tonnage band Between 10 and	Deadline date	Pre-SIEF Status Active	









H.O. & Works:

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Ankit Reactive Dyes For Textile Printing

- Suitable for printing by roller flat screen & rotary screens
- Ease of print paste preparation
- Wide range of exceptional brilliance
- Good solubility
- Can be fixed by various methods
- Good all round fastness properties

		GENERAL PROPERTIES			FASTNESS PROPERTIES							
YES	abric			TER)		S		3)	PERSPIRATION (ISO 105-E04)		RUBBING (ISO 105-X02)	
ANKIT "P" DYES	100% Cotton Fabric at 120°C		AFFINITY	SOLUBILITY (PLAIN WATER)	DISCHARGEABILITY	WASH - OFF PROPERTIES	LIGHT (ISO 105-B02)	WASHING (ISO-105 CO3)	АГКАГІ	ACID	WET	DRY
Yellow FGL		3%	M	100	G	A	4-5	4-5	2-3	2	4-5	4-5
Golden Yellow R		3%	Н	100	G	A	4-5	4-5	4-5	4	3-4	4-5
Yellow P-4G	///	3%	М	100	F	A	4	4	4	4	3-4	4-5
Orange P-3R		3%	Н	100	G	В	4	4	4-5	4-5	3-4	4-5
Red P-2B		3%	М	100	P	В	4	4	4-5	4-5	4	4-5
Violet H-3R		3%	Н	80	P	A	4	4	3	4-5	3-4	4-5
Blue H-5R		3%	Н	100	P	В	4	4	4	4	3-4	4
Blue P-5R		3%	н	70	P	В	4	4	4	4	3-4	4
Blue P-3R		3%	н	100	P	A	4-5	4-5	4	4	4	4-5
Black HN		6%	М	80	P	В	4-5	4	3-4	3-4	3	4-5

G = Good F = Fair P = Poor

GENERAL PROPERTIES

Solubility

Room temperature at 25°C

Stability of color paste

Color paste of 2% o.w.p. containing sodium bicarbonate of 2% o.w.p. is stored at about 35°C for two weeks.

Dyes showing the fall of depth within 10% comparing with unstored one is classified as A group and over 10% classified as B group.

Wash-off properties

Washing-off property is divided from the degree of staining on white ground at soaping stage on heavy shade printing, into the following groups.

A: Very excellent

B: Excellent

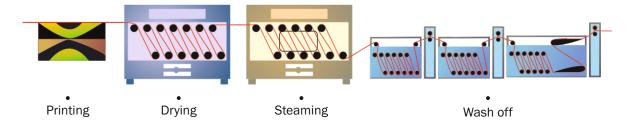
C: Somewhat poor

D: Poor

FASTNESS TEST METHODS

Light	ISO 105-B02	Light fastness was tested at the given standard depth. Blue scale (1-8 grade)
Washing	ISO 105 C06-C25	4g/I ECE reference detergent, 1g/I Sodium perborate, 30min, at 60°C
Perspiration	ISO 105-E04	Acid solution : 0.5g/l L-histidine, 5g/l Sodium chloride 2.5g/l NaH ₂ PO4.2H ₂ O, pH 5.5, 4hrs at 37°C Alkali solution : 0.5g/l L-histidine, 5g/l Sodium chloride 2.2g/l Na ₂ HPO ₄ 2H ₂ O, pH 8.0, 4hrs at 37°C
Rubbing	ISO 105-X12	Upper - dry, Lower - wet

Printing



Processing after printing

Chemical pad (g/l)	Normal Steaming	HT Steaming	Baking
ANKIT	Х	х	X
Urea	50-100	100-200	100-200
Water	Υ	Υ	Υ
Stock paste (4-12%)	400-600	400-600	400-600
Reduction inhibitor	10-20	10-20	10-20
Alkali	10-30	10-20	10-20
Total		1000	

Steaming Process	H.T. Steaming Process	Thermofix Process (Baking)					
• Dry	• Dry						
Steam at 103 °C for 5-10min.	Steam at 130° for 3-5min.	C Steam at 150 °C for 2-3min.					

- Rinse (Cold water Hot water)
- Soap over 90 °C in nonionic or anionic detergent solution
- Rinse (Hot water Cold water)
- Drv