



TRIADE

Triacid Fast

**Triacid Fast Milling
Dyestuffs on Wool**

	Triacid Fast Dye concentration		Dyeing method	Light ISO 105-B02	Water ISO 105-E01	Washing ISO 105-C01	Perspiration ISO 105-E04	Rubbing ISO 105-X12	Alk.milling severe ISO 105-E12	Alkaline milling mild ISO 105-E12	Dischargeability	Solubility
	0,2%	1,0%										
Yellow 5GN			III	3-4	5	5	4-5	5	5	5	5	40
					5	5	4-5		4	4		
				5	5	5	5	4-5	5	5		
Yellow GW			II	4-5	4-5	4	4	4-5	3-4	4	5	50
					4-5	5	3-4		3-4	4		
				5-6	4-5	4-5	4	4	4-5	4		
Yellow 4GL			I II	4-5	4	3-4	4	5	2	4	5	60
					3-4	4	3		1	3-4		
				5-6	4-5	4-5	4	4-5	4	4		
Yellow R			I	3-4	4	4	4-5	4-5	4	4	5	30
					4-5	4-5	4-5		3-4	4-5		
				5-6	4-5	5	4-5	4-5	4-5	5		
Yellow 3RL			I II	5-6	4-5	5	4-5	5	4	4-5	5	60
					4	5	4		4	4-5		
				6-7	3-4	4-5	3-4	4-5	4	4-5		
Yellow 4RL			I II	5-6	4-5	4	4-5	5	4-5	5	4	50
					4-5	4	4		4-5	5		
				6-7	5	4-5	4-5	5	5	5		
Orange GS			II III	4	4-5	4-5	4-5	4-5	4-5	4-5	5	30
					4-5	5	4-5		3-4	5		
				5	4-5	4-5	4-5	4	4-5	5		
Orange GSN			II III	4	4-5	4-5	4	4	4-5	4-5	5	60
					5	5	4-5		4	5		
				4-5	5	5	4-5	3-4	4-5	5		

WITHOUT GUARANTEE

	Triacid Fast Dye concentration		Dyeing method	Light ISO 105-B02	Water ISO 105-E01	Washing ISO 105-C01	Perspiration ISO 105-E04	Rubbing ISO 105-X12	Alk.milling severe ISO 105-E12	Alkaline milling mild ISO 105-E12	Dischargeability	Solubility
	0,2%	1,0%										
Scarlet FG			III	4	5	4-5	4-5	4	4	4-5	3	25
				5	5	4-5	5	3-4	3-4	4-5		
Red GN			II	3	4	3-4	4	4	4	4	5	20
			III	4	4-5	4-5	3-4	3-4	3-4	4		
Scarlet GFS			III	4	5	4-5	4-5	4	4	4-5	3	25
				5	5	4-5	5	3-4	3-4	4-5		
Red GW			II	4	4-5	4	4	4	2-3	3-4	3-4	20
				5-6	4-5	5	3-4	3	4	3-4		
Red 2BLS			III	5	5	4-5	5	5	4	5	3-4	80
				5-6	5	5	4-5	4-5	4-5	5		
Red 2BN			III	3	4-5	4-5	4-5	4-5	4	4	3	50
				5	5	4-5	4-5	4	4-5	5		
Red 2BS			I	5-6	4-5	4-5	4-5	5	4-5	5	4	35
			II	6-7	4-5	5	4-5	5	5	5		
Rubinol 3GP			II	4-5	4	3-4	4-5	4-5	2	3	3-4	90
				5-6	4-5	5	5	3-4	3	4		
			WITHOUT GUARANTEE									

	Triacrolan Dye concentration		Dyeing method	Light ISO 105-B02	Water ISO 105-E01	Washing ISO 105-C01	Perspiration ISO 105-E04	Rubbing ISO 105-X12	Alk.milling severe ISO 105-E12	Alkaline milling mild ISO 105-E12	Dischargeability	Solubility
	0,2%	1,0%										
Blue 8G			IV	4 5-6	4-5 5 4-5	4-5 5 4-5	4 5 4-5	5 4-5	4 4 2	5 5 3-4	2-3	100
Triacid Fast Milling Dye Concentration 0,2% 1,0%												
Yellow 4GF			III	5-6 6	5 4-5 5	4-5 4-5 5	4-5 5 5	4-5 4-5	4 4-5 5	4-5 4 4-5	4-5	40
Yellow 2R			II III	3 4	4 4-5 4-5	4-5 5 5	4 4-5 4-5	4-5 4	3 3 4	4-5 4-5 4-5	4	25
Yellow 3RL			II III	4-5 6-7	5 5 5	5 4 4-5	5 4-5 5	5 5	4 3-4 4	4-5 4 4-5	5	75
Orange SLF			II III	4 6	4-5 4 4-5	4-5 5 5	4-5 4 4	5 4-5	4 3-4 4	4 3-4 4	4	60
WITHOUT GUARANTEE												

	Triacid Fast Milling Dye concentration		Dyeing method	Light ISO 105-B02	Water ISO 105-E01	Washing ISO 105-C01	Perspiration ISO 105-E04	Rubbing ISO 105-X12	Alk.milling severe ISO 105-E12	Alkaline milling mild ISO 105-E12	Dischargeability	Solubility
	0,2%	1,0%										
Rubine 5BLF			II	4-5	5	5	4-5	5	4	4-5	5	30
			III	5-6	4-5 5	5	5	4-5 5				
Red 6B			III	3	4-5 5	5	5	4-5	4 5	5 5	3	60
				4-5	5	5	4	5	5			
Violet FBL			III	5	5 5	4-5 5	5 5	4-5	5 5	5 5	3	100
				6	5	5	4	5	5			
Blue RAW			III	5-6	5 4-5	4-5 5	4-5 4	4-5	3-4 4	4 4-5	1-2	40
				6	5	5	5	3-4	5	5		
Brilliant Green 6GWB			III	5-6	5 5	4-5 5	4-5 4-5	4-5	3-4 4	4-5 4-5	1	30
				6-7	5	5	4-5	4	4-5	5		
Green 5GL			III	5-6	4-5 5	4-5 5	4-5 5	4-5	4-5 5	5 5	2	35
				6	5	5	5	4	5	5		
Green GLW			II	4-5	5	4	4	4-5	4-5	4-5	2	35
			III	6	5	4-5	4	4-5	5	5		
Green G			II	5-6	4-5 4-5	4-5 4-5	4 4	4-5	3 3-4	4-5 4	1	40
				6	4-5	5	4-5	4	4-5	4-5		
			WITHOUT GUARANTEE									

TRIACID FAST AND FAST MILLING DYESTUFFS

DYEING METHODS

The properly pre-washed woollen material is entered into a bath containing soft water with:

Method I :

- 5 - 10 % Sodium Sulphate Calc.
 - 2 - 4 % Sulphuric Acid 96% or
 - 3 - 5% Formic Acid 85%
- Temperature 50 - 60°C pH 2 - 3
Run during 10 minutes

Add the properly dissolved dyestuff and run for 10 minutes

Raise temperature in 30 minutes up to boiling and continue dyeing for 45 - 90 minutes

Rinse warm and cold

Method II :

- 5 - 10 % Sodium Sulphate Calc.
 - 1.5 - 3 % Acetic Acid 60% or
 - 1 - 2 % Formic Acid 85%
- Temperature 40 - 45°C pH 4 - 5.5
Run during 10 minutes

Add the properly dissolved dyestuff and run for 10 minutes

Raise temperature in 45 minutes up to boiling and continue dyeing for 45 - 60 minutes

For complete exhaustion, if necessary, add:

- 1 - 2 % Acetic Acid 60% or
 - 1 - 2 % Formic Acid 85%
- and continue dyeing for 30 minutes

Rinse warm and cold

Method III :

- 2 - 4 % Ammonium Sulphate or
 - 3 - 8 % Ammonium Acetate
- Temperature 40°C pH 5.5 - 6.5
Run during 10 minutes

Add the properly dissolved dyestuff and run during 10 minutes

Raise temperature in 50 minutes up to 90 - 95°C and continue dyeing during 30 - 45 minutes

For complete exhaustion, if necessary, add:
0.5 - 1.5% Acetic Acid 60% and continue dyeing for 20 - 30 minutes
Rinse warm and cold

Method IV :

- 5 - 10% Sodium Sulphate Calc.
 - 0.5% Leveller
 - x % Acetic Acid 60%
- Temperature 50°C pH 4.5
Run during 10 minutes

Add the properly dissolved dyestuff and run during 10 minutes

Raise temperature in 20 minutes to 70°C, further in 20 minutes to 80°C and then further in 20 minutes to 98°C and continue dyeing during 45 minutes

Cool down to 85°C, add ammonia 25% to pH 8.5 and run for 15 minutes at 85°C

Cool down and rinse cold

TRIACID FAST AND FAST MILLING DYESTUFFS

Fastness properties:

Light fastness: ISO 105 – B02 (1/12 – 1/1)

Water: ISO 105 – E01

Washing: ISO 105 – C01

Perspiration: ISO 105 – E04

1st figure: change of shade

2nd figure: staining wool

3rd figure: staining cotton

Rubbing fastness ISO 105 – X12

upper figure: dry

lower figure: wet

Alkaline milling ISO 105 – E12

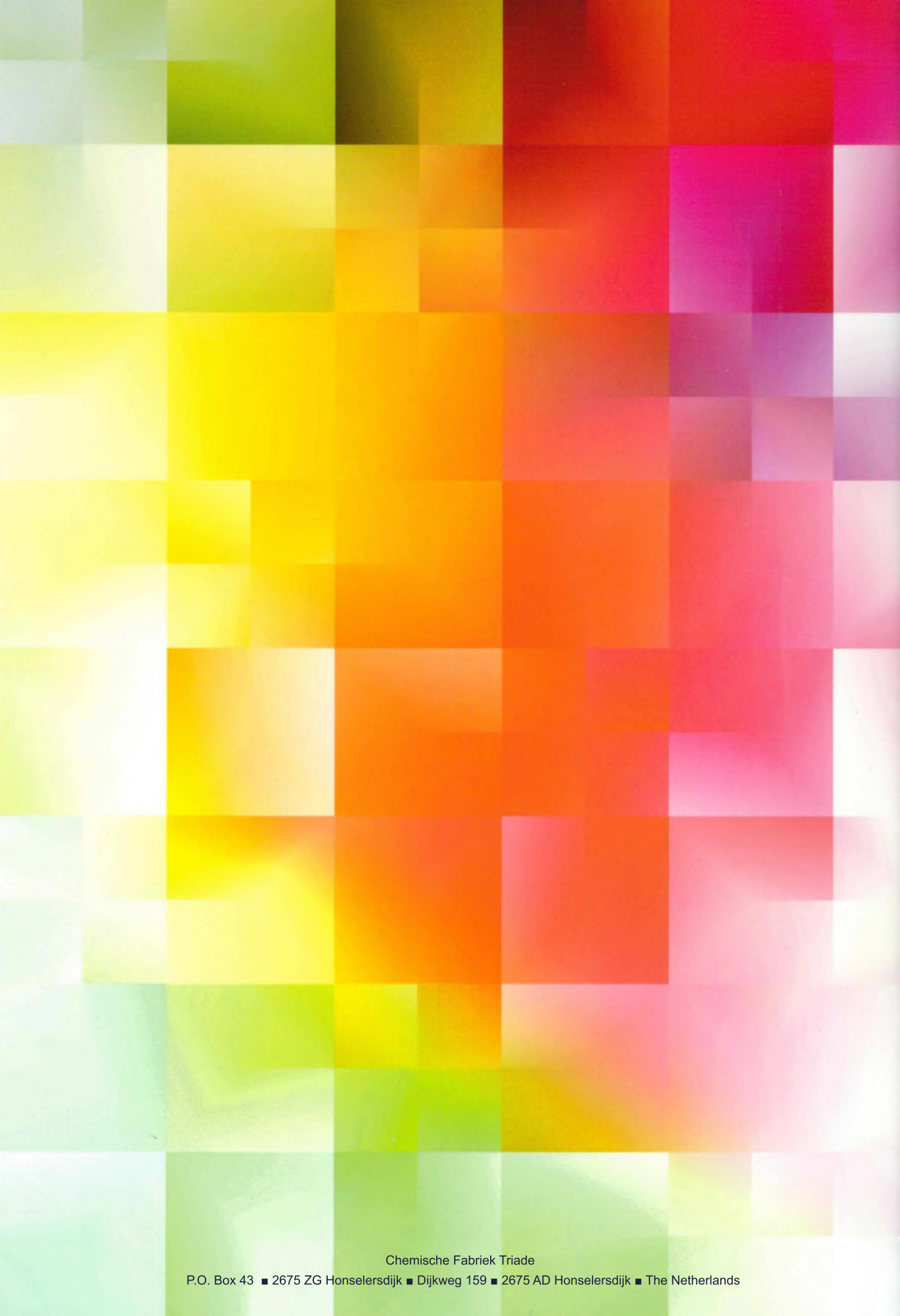
1st figure: change of shade

2nd figure: staining wool

3rd figure: staining cotton

Solubility: grs/l at 90°C

The information given in our pattern cards is based on present state of our knowledge. It shows without liability on our part the uses to which our products can be put.



Chemische Fabriek Triade

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