

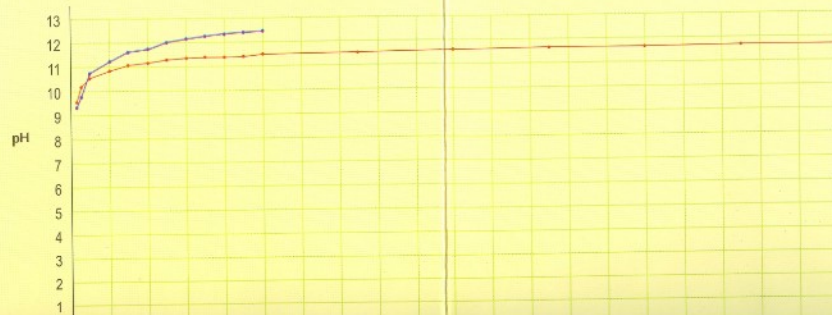
Fastness properties

Dye (Reactive)	Soda ash			Greendye Eco New liquid		
	Washing fastness	Dry rubbing	Wet rubbing	Washing fastness	Dry rubbing	Wet rubbing
Shade - 3.0%						
T. Blue G	3-4	4-5	3	3-4	4-5	3-4
Red HE8B	4	4-5	3	4	4-5	3
Black B	3	4-5	3	3	4-5	3
Red M5B	3-4	4-5	3	3-4	4-5	3-4
Red ME4BL	3	4-5	3-4	3	4-5	3-4

pH shift in dyeing

Dye (Reactive) Shade - 3.0%	pH shift							
	Initial		15 min		30 min		45 min	
Process	Soda Ash 20 g/l	Greendye Eco New Liq. 5g/l	Soda Ash	Greendye Eco New Liq.	Soda Ash	Greendye Eco New Liq.	Soda Ash	Greendye Eco New Liq.
Red ME4BL	11.30	11.90	11.10	11.60	10.95	11.40	10.80	11.35
Red HE8B	11.50	12.20	11.25	12.00	11.10	11.90	11.10	11.85
Black B	11.50	12.15	11.20	11.80	11.10	11.50	11.00	11.50

pH variation



Greendye ECO New Liq.

FEATURES

- Highly effective at lower dosages
- Reduces TDS substantially compared to conventional soda ash fixation
- High suitability for the "all in one" process with Vinyl Sulphone and bifunctional-ME and monofunctional-HE brand reactive dyes
- Produces brighter and cleaner shades
- Better reproducibility and operational safety
- Reduces dyeing times and produces better yields

GUIDELINES

1. Vinyl Sulphone/Cold/FN/S

Set the bath with		
Dye	x	%
Glauber's salt	50-80	g/l
Greendye ECO New Liq.	4.5-5.5	g/l

Treat at room temperature and raise temperature to 45°/80°C (as per recommendation) in 30 minutes. Add **Greendye ECO New Liq.** Then run for 45 minutes at 45/80° C followed by soaping.

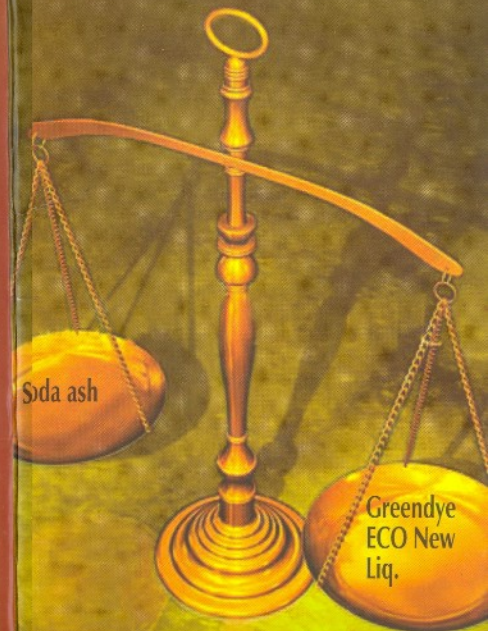
2. Bifunctional-ME & Monofunctional-HE brand dyes

Set the bath with		
Dye	x	%
Glauber's salt	50-80	g/l
Greendye ECO New Liq.	4.5-5.5	g/l

Treat at room temperature and raise temperature to 60°/85°C (as per recommendation) in 30 minutes. Add **Greendye ECO New Liq.** then run for 45 minutes at 60°/85°C followed by soaping.

Greendye ECO New Liq.


A competitive eco-friendly liquid alkali buffer for Reactive dyeing



Greendye ECO New Liq.









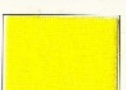
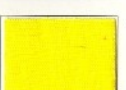




Reactive - ME brand

Recipe

Soda ash : 20 g/l	Greendye ECO New Liq. : 5g/l	Salt : 60 g/l	
			Golden Yellow MERL 1.32% Red ME4BL 0.93% Navy Blue ME2GL 1.62%
			Navy Blue MER 3.5% Red MF4BL 0.5%
			Orange ME2RL 3.0% Red ME4BL 4.0% Navy Blue ME2GL 2.0%
			Orange ME2R 2.5% Red ME4BL 4.5% Blue ME2RL 0.19%
			GoldenYellow MER 3.0% Red ME4BL 1.1% Navy Blue ME2GL 1.5%
			Red ME4B 0.5% Navy Blue ME2GL 3.0% Black CNN 3.0%

Reactive - HE brand

Recipe

Soda ash : 10 g/l	Greendye ECO New Liq. : 2.5g/l	Salt : 50 g/l	
			Green HE4B 1.5 % Red HE4B 0.2%
			Orange HE2R 0.5% Red HE3B 0.5%
			Orange HE2R 2.0%
			Green HE4BS 2.0%
			Yellow HE6G 2.0%
			Red HE3B 2.0%
			Blue HERD 2.0%

Reactive - VS brand

Recipe

Soda ash : 20 g/l	Greendye ECO New Liq. : 5g/l	Salt : 60 g/l	
			Yellow GR 2.0% Red 5B 3.2% Black B 0.5%
			Red BS 5.0% Yellow F3R 2.0% Navy WB 0.6%
Soda ash : 14 g/l	Greendye ECO New Liq. : 3.5g/l		
			Red BS 2.5% Yellow F3R 0.5%
			Red BS 1.4% Yellow F3R 1.4% Navy WO 0.25%

Reactive - Cold/FN/S brand

Recipe

Soda ash : 6 g/l	Greendye ECO New Liq. : 1.5g/l	Salt : 60 g/l	
			Blue CA 0.15% Red CA 0.02%
			Yellow FNC 0.25% Blue FNR 0.05%
			Yellow FN2R 0.02% Red FNR 0.1%

Soda ash : 10 g/l Greendye ECO
New Liq. : 2.5g/l Salt : 60 g/l

		Red F3B 1.0% Yellow F3R 0.15%
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Soda ash : 12 g/l Greendye ECO
New Liq. : 3 g/l Salt : 60 g/l

		Yellow F3R 1.0% Red F3B 0.3% Orange ME2RL 0.3%
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		Yellow 5GL 1.5% Navy WB 0.5%
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Soda ash : 15 g/l Greendye ECO
New Liq. : 4g/l Salt : 60 g/l

		Blue ER 3.0 Red F3B 0.15
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		Navy WB 4.0% Yellow F3R 0.22% Red F3B 0.88%
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Soda ash : 20 g/l Greendye ECO
New Liq. : 5g/l Salt : 60 g/l

		Blue WHF 10.0% Yellow S3R 1.0% Red M5B
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		Red M5B 2.0% Magenta MB 1.5%
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Greendye ECO New Liq. Greendye ECO New Liq.

Greendye ECO New Liq.