

# GREENSODA 1000 POWDER

Greensoda 1000 Powder is a concentrated alkali buffer to replace soda ash in reactive dyeing for cost effectiveness, superior dyeing characteristics and reduced effluent load

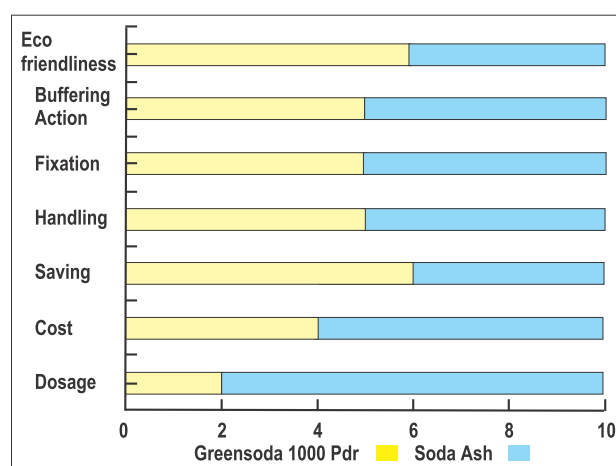
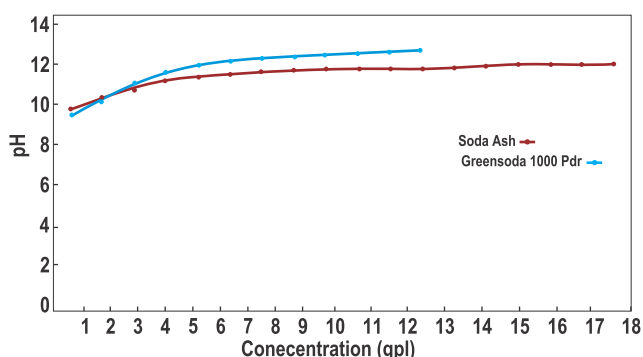
## KEY FEATURES

- Required in 1/4<sup>th</sup> to 1/3<sup>rd</sup> quantity as compared to soda ash
- Cost effective
- Produces stable alkalinity over the entire fixation period
- Reduces TDS substantially compared to conventional soda ash fixation
- Produces brighter and cleaner shades
- Better reproducibility of shades
- Produces better yields

## pH SHIFT IN REACTIVE DYEING

Dye (3% shade)	pH							
	Initial		15 mins		30 mins		45 mins	
Process	Soda Ash (20g/l)	Greensoda 1000 Pdr. (5g/l)	Soda Ash (20g/l)	Greensoda 1000 Pdr. (5g/l)	Soda Ash (20g/l)	Greensoda 1000 Pdr. (5g/l)	Soda Ash (20g/l)	Greensoda 1000 Pdr. (5g/l)
R.T. Blue H5G	11.50	12.15	11.20	11.80	11.10	11.50	11.00	11.50
R. Red ME4BL	11.30	11.90	11.10	11.60	10.95	11.50	10.80	11.50
R.Navy Blue FGL	11.50	12.20	11.25	12.00	11.10	11.90	11.10	11.85

## pH VARIATION WITH CONCENTRATION



## ROSSARI BIOTECH LIMITED

(An ISO 9001:2015 & 14001:2015 Certified Company)

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## Illustrations



Dye Reactive 3% shade	Fastness Properties					
	Soda ash			Greensoda 1000 Powder		
	Washing	Dry Rubbing	Wet Rubbing	Washing	Dry Rubbing	Wet Rubbing
R. T. Blue H5G	3-4	4	3-4	3-4	4	3-4
R. Red ME4BL	4-5	4-5	4	4-5	4-5	4-5
R. Navy Blue FGL	4-5	4-5	4	4-5	4-5	4

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