

Committed to Sustainability.

At DyStar, our products and services help customers worldwide reduce costs, shorten lead times and meet stringent quality and ecological specifications.



Information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

DyStar, DyStar, econfidence, Cadira, Levafix, Sera and Remazol are registered trademarks of DyStar Colours Distribution GmbH, DE
Copyright of the material in this document is owned by, or licensed to, DyStar.

Global Headquarters
DyStar Singapore Pte Ltd
Tel: +65 6671 2800
Fax: +65 6659 1328
DyStar.Singapore@DyStar.com
www.DyStar.com



11.0009.01.2304

econfidence[®]
from DyStar



Cadira[®] Reactive

Get a Move On



Cadira® Concept

What is Cadira Reactive?

- Dyeing of cellulosic fibers in exhaust process with selected high fixation / good wash-off Levafix® and Remazol® dyes
- Optimized dyeing process with improved dye fixation
- Special wash-off process

Why Cadira Reactive?

- Higher Fixation Yield

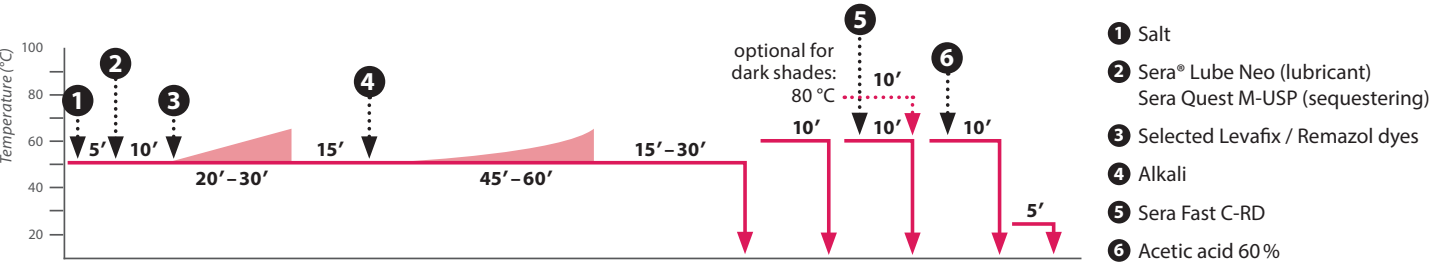
 - ➔ Reduced cost
 - ➔ Reduced waste water pollution
- Optimized Dyeing Process

 - ➔ Reduced cost
 - ➔ Reduced energy consumption
- Special Wash-Off Process

 - ➔ Reduced cost
 - ➔ Reduced water consumption
 - ➔ Reduced energy consumption

Cadira® Reactive reduces the carbon footprint of the reactive dyeing process.

The Cadira Reactive Dyeing and Wash-Off Process is Carried Out in LR 5:1



For LR 5:1, bleached CO	0% – 0.5 %	0.5% – 1 %	1% – 3%	3% – 6%	> 6%
Salt (g/l)	5 – 20	20 – 25	25 – 45	45 – 60	80
Soda ash (g/l)	6	6	6	6	6
NaOH 50 %	0 – 1.0	1.0 – 1.7	1.7 – 2.3	2.3 – 3.5	4.0

Recommended Dyes and Dye Concentrations for 100 % Cotton (max 4 % in total)

Remazol® Dyes	Max %	Remazol Dyes	Max %	Levafix® Dyes	Max %
Remazol Yellow RR 01	1.5	Remazol Golden Yellow RGB 01	2.5	Levafix Brilliant Yellow CA	2.5
Remazol Red RR	1.5	Remazol Ultra Yellow RGBN	2.5	Levafix Yellow CA	2.5
Remazol Blue RR	1.5	Remazol Ultra Orange RGB	1.5	Levafix Amber CA	2.5
		Remazol Ultra Carmine RGB	2.5	Levafix Amber CA-N	2.5
Remazol Yellow SAM	1.5	Remazol Ultra Red RGB	2.0	Levafix Orange CA	2.0
Remazol Red SAM	1.5	Remazol Navy RGB 01 150%	2.0	Levafix Brilliant Red CA	3.0
Remazol Blue SAM	1.5	Remazol Brilliant Blue BB 133%	1.0	Levafix Fast Red CA	3.0
Remazol Grey SAM	1.5			Levafix Red CA new	3.0
		Remazol Red RB 133%	2.0		
Remazol Gold SAM	2.0	Remazol Brilliant Violet 5R	2.0	Levafix Red CA-N	3.0
Remazol Deep Yellow SAM	3.0	Remazol Black B 133%	4.0	Levafix Rubine CA	1.5
Remazol Deep Orange SAM	3.0	Remazol Deep Black GWF	4.0	Levafix Olive CA 100	2.5
Remazol Red Brown SAM	3.0			Levafix Blue CA	2.0
Remazol Brilliant Red SAM	3.0			Levafix Dark Blue CA	2.0
Remazol Pacific SAM	2.5			Levafix Navy CA	2.0
Remazol Space SAM 01	3.0				
Remazol Super Black SAM	3.0				

Dye selection is based on high fixation yield and good wash-off behavior

Cadira Reactive – Comparison to Conventional Process

