



Kraftkolour Pty Ltd
Factory 2, 99 Heyington Ave
THOMASTOWN Vic 3074
Tel: 1300 720 493
Web: Kraftkolour.com.au

REMAZOL® DYES

INSTRUCTION SHEET

Remazols are reactive dyes suitable for dyebath, printing and painting on Cotton, Rayon and other regenerated cellulose materials. Best results are achieved in a dyebath at 40-60°C. They may be used cold but much better colour yield is obtained at this temperature. When printing with Remazols best result will be achieved by steaming but they may also be cold padded or used with WATERGLASS or sodium silicate techniques. This particular group of reactive dyes belong to the vinyl sulphone range which makes them excellent for discharge printing and coloured resist printing. Remazol dyes will also dye Silk and Wool in a HOT dyebath with a weakly acid pH of 4.5 to 5.0.

AS WITH ALL REACTIVE DYES, **REMAZOL DYES** CAN CAUSE RESPIRATORY SENSITISATION OR IRRITATION - THEY SHOULD BE KEPT OUT OF REACH OF CHILDREN AND AVOID INHALATION, INGESTION EYE & SKIN CONTACT.

DYEBATH REQUIREMENTS: For COTTON & RAYON

FABRIC	WATER	DYE	DYE	SALT*	SODA ASH*
Dry weight	20:1 - 30:1	Pale Shade	Heavy Shade	Gms/Ltr	Gms/Ltr
100g	2-3ltr	0.5-1g	5-6g	30-70g	10-25g
500g	10-15ltr	2.5-5g	25-30g	30-70g	10-25g
1Kg	20-30ltr	5-10g	50-60g	30-70g	10-25g

*THE SALT REQUIREMENT VARIES DEPENDING ON DEPTH OF SHADE.

*THE SODA ASH REQUIREMENT IS LESS THE HIGHER THE TEMPERATURE OF THE DYEBATH. 10G/LTR AT 80°C AND 25G/LTR AT 40°C OR LESS.

PREDISSOLVE ALL DYEBATH ADDITIONS BEFORE ADDING TO DYEBATH.

TURQUOISE BLUE G AND BRILLIANT GREEN 6B ARE BEST DYED AT 60-80°C. BRILLIANT BLUE R AND BRILLIANT BLUE BB PREFER GLAUBER SALT RATHER THAN COMMON SALT UP TO 50G PER LITRE ONLY.

DYEBATH METHOD: For COTTON & RAYON.

Before commencing dyeing ensure your fabrics are clean and free of sizing. Add dye and salt to a warm dyebath (20-30°C) ensuring they are evenly dispersed and dissolved. Enter fabric and run dyebath for 10 minutes stirring regularly and making sure there is enough water to submerge fabric comfortably. Then add ¼ of the soda ash requirement while stirring gently, continue dyeing for another 10 minutes, then add the remaining soda ash to dyebath. Slowly heat dyebath up to 50-60°C (approx) and dye goods for 45-90 minutes stirring at regular intervals. The warmer the dyebath the shorter the dyeing time and the less soda ash required.

A QUICK DYE BATH METHOD is to fill the dyebath with HOT water 50-60°C. Add salt and dye and ensure they are thoroughly dissolved and dispersed. Enter fabric and run dyebath for 10-15 minutes, stirring regularly. Add soda ash requirement and continue dyeing for another 30-45 minutes, stirring fabric regularly.

FABRICS/GARMENTS THAT HAVE BEEN SOAKED IN WATER WITH A WETTING AGENT PRIOR TO DYEING AND ENTER THE DYE BATH WET WILL TEND TO DYE MORE EVENLY.

After the dyeing is completed remove fabric and rinse well in warm water, then wash fabric at least once in HOT SOAPY water. Rinse again in warm water, then cold rinse until water runs clear. It is important to wash fabrics well after dyeing to remove any loose dye. Wash dyed fabric /garments separately first few times.

DYEBATH REQUIREMENTS: For SILK & WOOL

FABRIC Dry Weight	WATER 20:1 - 30:1	DYE Pale Shade	DYE Heavy Shade	TEXACID ECO+ Gms per Ltr	TEXICOL SF* Gms per Ltr
100g	2-3 ltr	0.5-1g	5-6g	0.5-1g	1-3g
500g	10-15ltr	2.5-5g	25-30g	0.5-1g	1-3g
1Kg	20-30ltr	5-10g	50-60g	0.5-1g	1-3g

+ACETIC ACID 30% or CITRIC ACID EQUIVALENT STRENGTH (WHITE VINEGAR MAY BE SUBSTITUTED BUT YOU WILL REQUIRE 6 TO 8 TIMES THE QUANTITY OF ACETIC/CITRIC ACID 30%.)

*TEXICOL SF WILL IMPROVE PENETRATION AND PICKUP OF DYE BUT IS OPTIONAL.

DYEBATH METHOD: For SILK & WOOL

Add warm water (30°C approx), fabric and chemicals to dyebath and run for 5 minutes. If it is possible to check the pH it should be 4.5 to 5.0. Moving the fabric to one side add dye ensuring it is evenly dispersed and raise the temperature gradually to the boil (90-100°C) and run for 30-50 minutes, stirring gently but regularly. Be careful not to matt your wool! If the dye has not built up add another amount of acid (5g/Ltr) and run the dyebath for another 20 minutes, stirring gently.

After the dyeing is completed remove fabric, allow to cool slightly then rinse well in warm water, then wash fabric gently at least once in HOT SOAPY water. Again be careful not to matt your wool. When rinsing DO NOT subject your fabric to extremes of temperature ie hot to cold water. Rinse again in warm water, then cold rinse until water runs clear. It is important to wash fabrics well after dyeing to remove any loose dye. Wash dyed fabric /garments separately first few times.

If at any time you wish to shade the dyebath with more dye you should cool the dyebath to 50-60°C, add the shading dye then raise the temperature gradually to the boil and continue dyeing for 10-20 minutes. This will ensure a more even result.