Recipe:
For approximately 1lb. of cloth:
1 Tbsp. Lye (caustic soda)
1 Tbsp. hydrosulphite OR
thiourea dioxide (better for silk)
1 - 2 Tbsp. vat dye

Use Three or more gallons of water or enough
to allow cloth to move freely in dyebath.

Directions:
1. Dissolve Lye in a cup of warm water. Use a
glass, ceramic or stainless steel container.
2. Dissolve hydrosulphite or thiourea dioxide
by adding it to the above lye solution.
3. Dissolve dye separately in a small amount
of warm water.
4. Stir the dye solution into 3 gallons of warm
water (85 - 120 °F).
5. Enter the cloth which is clean and wet or
damp into the bath. Add pre-mixed
lye/hydrosulphite or lye/thiourea solution and
raise temperature up to about 120 - 160 °F.
Some colours require slightly less or more
heat to fully discharge. Avoid boiling as this
may cause loss of colour or unevenness. Stir
bath to ensure even dyeing.
Approximate dyeing time is 10 - 30 min.
6. Remove cloth from bath when desired depth
is reached. Wash in cold running water until
the water runs clear. Follow with
mild soap (ie. Synthrapol or Orvus paste) in
warm water. Rise.

Average conversion chart: 5g = 1tsp. / 15g = 1Tbsp. / 30g = 1oz. / 452g = 1lb. / 1kilo = 2.2lb.

*******Handling of Dyes and Chemicals********
Handle chemicals with care. Wear rubber gloves
and dust or vapour mask. Work in a well ventilated space.
Keep out of reach of children. MSDS is available on request.

Interesting effects can be achieved when a colour mix on the base fabric contains a colour which does not discharge.

In batik, where lower temperature is required, dyeing time will be longer. Tie-dyeing may be done more quickly at a higher temperature. For techniques such as arashi shibori, the dye/ thiourea solution can be combined, heated to approx. 160 °F and poured over
the pole wrapped silk.

The information given herein and otherwise supplied to users is based on our general experience and, where applicable, on the results of
tests on samples of typical manufacture. However because of the many factors which are outside our knowledge and control, which can
effect the use of these products, we nor the manufacturer can accept liability for any injury, loss or damage resulting from reliance upon
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