



# ACID MILLING

## INSTRUCTIONS

Acid Milling dyes are a range of bright, strong colours with good light and wash fastness. They have relatively few dyebath additions; Glauber Salt (to slow uptake of dye and assist in achieving even dyeings) and Acetic or Texacid to achieve a pH between 4.5 and 5.5. Apart from dyeing any Protein Fibre, most of these dyes work well on silk and nylon. To achieve best results we suggest you make sure you have enough room in the dyebath to comfortably cover the fibre and that you stir gently and often in the early stages of the dyeing to avoid unevenness.

DYEBATH ADDITIONS	DYE	ACETIC ACID 30% or TEXACID SB	GLAUBER SALT
PALE SHADE - .5% DYEING 5gm DYE/KILO FIBRE	5gms	2mls per ltr	2gms per ltr
MEDIUM SHADE - 1% DYEING 10g DYE/KILO OF FIBRE	10gms	3mls per ltr	2gms per ltr
STRONG SHADE - 3% DYEING 30g DYE/KILO OF FIBRE	30gms	4mls per ltr	2gms per ltr
BLACK - 6-8% DYEING 60-80g DYE/KILO OF FIBRE	60-80gms	5mls per ltr	2gms per ltr

## DYEING METHOD

1. First dissolve dye in hot water. Make sure there are no undissolved lumps.
2. Prepare the dyebath with warm (50°C) water. Add Glauber Salt and Acetic Acid. When the salt has completely dissolved, enter fibre to dyebath and stir to thoroughly saturate. Move fibre to one side and add dye solution. Bring **slowly** to the boil and dye at the boil for 40-60 minutes **stirring gently** and regularly to promote an even dyeing. When dye has exhausted onto fibre allow dyebath to cool slightly before removing fibre.
3. Rinse thoroughly in warm soapy water, then warm water until water runs clear.
4. More dye may be added to dyebath at any stage if a heavier shade is required - always dissolve extra dye first, move fibre to one side when adding dye solution and cool dyebath to warm before adding dye.

\* The addition of 1-2mls of a WETTING AGENT per litre of dyebath will help the dye penetrate and give more even dyeings. This is added at the beginning of the dyeing.

**SAFETY DIRECTIONS:** AS WITH ALL DYES AND CHEMICALS - AVOID INGESTION, INHALATION, EYE & SKIN CONTACT. **KEEP OUT OF REACH OF CHILDREN.** If swallowed DO NOT induce vomiting. Rinse mouth with of water, give plenty of milk or water, Seek Medical Advice. This class of dye generally has LOW ORAL TOXICITY, but some colours may cause skin or respiartory sensitisation/irritation.