

POLYDYE SBDL

Multifunctional Dye bath additive for dyeing with Disperse dyes

Summary: -

- POLYDYE SBDL is a dispersing, sequestering and buffering agent for the dyeing of polyester and polyester blended fabrics with disperse dyes.

Advantages:-

- Clean, bright consistent dyeing.
- Controls pH through the dyeing cycle.
Prevents stains, deposits and shade problems due to metal ion interference, hard water or alkalinity.
- Single product simplicity.
- Cleans machines during use - less down time.
- Eliminates oligomer problems on equipment and fabric.
- Does not damage viscose during core alkali neutralization process.

Features:-

- Maintains dispersing efficiency at high temperatures.
- An excellent dispersing agent for polyester oligomer, minimizing deposits on substrate and machine.
- Viscose safe Buffer system.
- Maintains dispersing efficiency in presence of high electrolyte concentrations and hence facilitates single bath dyeing with Disperse and reactive dyes.
- Maintains pH throughout the dyeing process & print fixation process with disperse dyes.
Enhances the brilliancy and clarity of prints.
- Provides built-in high sequestering and contamination suspension capacity.
- Non-staining on polyester fibers.
- Ease of handling, minimal material stocking and good process control through the 3-in-1 performance.

Storage:-

- POLYDYE SBDL may freeze at low temperatures, but will recover to the original liquid form when allowed to return to ambient room temperature. Warm slowly before use.

Health & Safety:-

- Health & handling advice on these products is given in individual data sheets, available upon request.

POLYDYE SBDL

Type	:-	Anionic
Composition	:-	Condensation polymer and organic acid salt
Appearance	:-	Dark brown liquid
Solubility	:-	Readily miscible in water
Compatibility	:-	Stable to high electrolyte concentrations, other anionic and Non-ionic agents and under acid conditions.
Application	:-	

General Guidelines

- Dosage should be based on degree of buffering, sequestering and dispersing Strength required. Bulk experience should be the deciding factor.
- Batch wise dyeing of 100% polyester with disperses dyes.

POLYDYE SBDL :- 0.5 to 2gm/liter
Depending upon the depth of the shade & processing conditions.

- **For Disperse Printing process :**
POLYDYE SBDL :- 0.5 to 1.5%