

## MYSTOLUBE S

### Textile Auxiliary Product Data

**Function** Lubricant, softener for textiles giving improved tear and abrasion resistance on resin treated fabrics, improvement in sewability on a wide range of fabrics and improved softness without affecting washability, dyeability or colour of wools treated with certain shrink resist treatments.

**Composition** Polyethylene emulsion.

**Description** Free-flowing transparent slightly yellowish emulsion readily dispersible in water.

Total solids	25% nominal
pH	9 approx.
Ionic Character	Non-ionic

**Suggested Uses** Textile yarns and piece goods containing both natural and synthetic fibres. Mystolube S is compatible with most commonly used crease resist resins and catalysts, optical brightening agents, non-ionic, anionic and cationic finishes, chlorides, sulphates, dilute acids and alkalis, starches and gums. It is recommended for use in the Hercosett shrink resist process for wool tops. It has good resistance to yellowing and scorching and is non-chlorine retentive.

<b>Concentration</b>	Resin finishing	20-80 g/l in resin treatment bath.
	General lubrication	2-5% on weight of fabric.
	Handle modification	up to 5% on weight of fabric.
	Shrink resist finishing	10-20 g/l.

**Application** Textile piece goods are normally treated by impregnation on a padding mangle followed by drying. No special drying conditions are necessary but in the case of resin treatment the drying and curing conditions appropriate to the resin should be employed.

Shrink resist processing - Mystolube S is normally applied to wool tops in sliver form. After pre-treating with chlorine, neutralizing and rinsing the tops are regilled and processed in a 3 bowl dyeing machine. The processing sequence involves wetting out in the first bowl, impregnating with the shrink resist resin under appropriate pH conditions in the second bowl and treating with 10-20 g/l Mystolube S + 5 g/l Sodium Bicarbonate in the third bowl. Drying is carried out at 115-120°C.

**Handling** Avoid contact with skin and eyes.  
For further information see product Safety Data Sheet.  
This emulsion will deteriorate if frozen.  
Appropriate storage conditions should therefore be arranged.