

KRISOF LUB NG

Lubricant to reduce fibre to fibre and fibre to metal friction to reduce creasing, crowfeet marks and chafe marks, especially suitable for sensitive fabrics and machines with ultra low liquor ratios, also an efficient one bath scour-dye auxiliary for jet processing of polyester

CHARACTERISTICS	BENEFITS
Lowers textile-to-textile friction	No formation of permanent creases during wet finishing. Ropes open and displace more easily, so improving levelness
Reduces textile-to-metal friction	Textiles run better and more dependably in machines, no chafe marks or streaks
Lowers the friction coefficient of the textile material	Higher utilization of jets, winches, paddle and drum-type dyeing machines. Improved quality of results in short-liquor processing
Promotes opening of fabric ropes and displacement of folds or creases	Ensures no formation of permanent creases
Is highly effective at all temperatures and pH levels	Suitability for all dyeing methods
Generates little foam	No foam problems in jet dyeing machines, improved run of goods

PHYSICAL PROPERTIES

Chemical constitution:	Blend of phosphate esters
Ionic character:	Anionic
Physical form:	Clear to Hazy liquid
pH (using pH paper stripe E Merck 2.0 – 9.0):	5.5 - 8.5

Specific gravity at 25°C:	0.99-1.05
General stability:	Stable in hard water and to acids, alkalis and electrolytes in the usual amounts encountered in pre-treatment and dyeing
Compatibility: products	Compatible with most non-ionic and anionic
Storage stability:	Stable for more than one year at 20°C in closed containers. Product should not be stored at temperatures above 40°C.
Ecology/Toxicology:	The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use. The product must not be swallowed. For further information on ecology and toxicology, see relevant Safety Data Sheet

Application

Dissolving / diluting

KRISOF LUB NG can be diluted with cold or warm water in all proportions.

Required amount

This depends on the sensitivity of the textile material, type of machinery and the level of loading. In general following dosages are recommended as a guide,

0.5 – 2g/l KRISOF LUB NG

As a jet scour-dye auxiliary for polyester

1 – 2g/l KRISOF LUB NG

Is added in the beginning and fabric run for 10 minutes at 50 - 60°C before adding dispersant, pH buffer and disperse dyes. The oil and wax emulsifying property of KRISOF LUB NG ensures level dyeing, free from spots, stains and creases without carrying out a separate scouring process.

NOTES

If exposed to the atmospheric air for a prolonged period it may cause creaming which on stirring dissolves completely. Product should be kept all the times in closed containers away from direct sunlight

ATTENTION

The information given above is in line with our present state of knowledge and experience and is without any guarantee. Users must thoroughly test any application before any commercialization. We are not liable for damages due to improper application of our products.