

EUROPOL NF ECO

Phosphate free, anionic non foaming wetting agent for continuous and semi continuous dyeing of cellulosic fibers and their blends with synthetic fibers.

CHARACTERISTICS	BENEFITS
The product is low foaming under all pH conditions.	Use of defoamer not required.
Free from phosphate	Environmental friendly. Thus, highly suitable for all requirements for certifications.
High stability to caustic soda	Could be used in causticizing bath as a wetting agent.

PHYSICAL PROPERTIES

Ionic character:	Anionic
Physical form:	Flowable liquid
Appearance:	Clear Colorless liquid
Ph (using E Merck pH strips 0 – 14):	8-12
Specific gravity at 25°C:	0.99 – 1.05
Compatibility:	Compatible with anionic and non ionic surfactants
Storage stability:	EUROPOL NF ECO product has a shelf life of at least one year if it is stored in its tightly sealed original packaging at temperatures between 0° C and 40° C. Drums should be tightly resealed each time material is taken from them, and their contents stirred.
Ecology/ Toxicology	please refer to the MSDS.

APPLICATION

EUROPOL NF ECO is used as a padding auxiliary and wetting agent in long liquors with the following classes of dyes;

Vat dyes, indigo, reactive dyes, direct dyes, disperse dyes and Sulphur dyes.

EUROPOL NF ECO is pre dissolved in cold water and added to the treatment bath as follows.

Pad Dyeing process
2.5 – 5 gpl EUROPOL NF ECO

Dyeing in long liquors
1-2 gpl EUROPOL NF ECO

In the rope dyeing range for dyeing cotton yarn with indigo blue, 4 - 5 gpl dosage is suggested in the causticizing bath.

NOTES

As a low foaming padding auxiliary EUROPOL NF ECO increases penetration, increases liquor pickup in unevenly pretreated fabric and improves reproducibility of the dyeing.

Owing to its good wetting power EUROPOL NF ECO ensures rapid deaeration of wound packages and promotes penetration of the material by liquor.

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.