

## TECHNICAL DATA SHEET

### TECHNALGIN 25 HV

#### CHARACTERISTICS:

Chemical composition	: sodium alginate
Appearance	: brown powder
Ionic activity	: anionic
Solubility	: good
Stock solution	: prepared at 3% in cold water by rapid stirring
pH value	: neutral
Viscosity 3.5%	: 25,000 - 29,000 cps on Brookfield RVF at 20 rpm
Biodegradability	: the product is biodegradable

#### APPLICATIONS

*Technalgin 25 HV* is suitable for the following applications:

- Cellulosic fibres: printing with reactive dyestuffs.

*Technalgin 25 HV* can also be used in particular process, such as resist printing and reactive under reactive printing (wet on wet).

- Polyester: printing with disperse dyestuffs and fixing under high temperature and high pressure steaming.

*Technalgin 25 HV* may be applied alone or in blend with other thickeners.

#### COMPATIBILITY

*Technalgin 25 HV* is compatible with major auxiliaries and chemicals normally used in different textile printing recipes as well with the specific dyestuffs classes for the above mentioned fibres.

#### FLOW PROPERTIES

The excellent flow properties meet all requirements of the different printing machines.

#### WASHABILITY

If *Technalgin 25 HV* is used properly, it can be washed off easily ensuring a soft handle of the printed fabrics.

#### STORAGE

If *Technalgin 25 HV* is kept wrapped in its original packing and stored in a cool and dry place it will remain stable for several months.

#### PRESERVATION

*Technalgin 25 HV* contains preservatives. Stock solutions and readily prepared printing pastes show good viscosity stability. These should be additionally preserved if the working conditions are extreme, such as great heat and use of untreated water.