

## Technical Specification Sheet

### Flame retardant to finish cellulose, synthetic and wool fibres as well as their mixtures

Licensed in accordance with DIN 4102, construction material class B1 for cellulose and polyester fibres

**Test centre:** Materialprüfungsanstalt - Universität Stuttgart – Otto-Graf-Institut

**Test certificate No.:** P – BWU03 – I – 16.5.271 vom 16.12.05

**Properties:** **Highly concentrated, non-halogen, skin-compatible** flame retardant to finish cellulose fibres, wool, polyacryl nitrile, polyester and mixtures of synthetic fibres with cellulose fibres and wool, also Tyvek-materials (paper), paillette, Lurex materials etc.  
Good effect with low application quantities.  
None or only minimum afterglowing.  
None or only minimum influence of product feeling with the exception of polyester or polyacryl nitrile fibres.

**Special application:** Artificial flowers, in particular green plants, such as ilex, ficus, willow tree, dracena, fern among others, decoration material in general (test certificate LGA for decoration plants).  
**The afore-mentioned B1 test certificate can be applied to all artificial decoration plants.**

**Composition:** Clear, watery solution with a phosphor nitrogen compound

**Hazardous Substances Regulation:** **No compulsory identification.**

**pH value:** 6 + / - 0.1 at 20° C

**Dilutability:** Can be diluted with cold water.

**Storage:** Store in a frost-free cool place.

**Active agent guarantee:** min. 12 months in a closed container.

**Special features:** There is the danger of corrosion if the product comes into contact with non-precious metals.

FLORIMP K VERDE<sup>®</sup> is hygroscopic. In the case of unfavourable climatic conditions, in particular with high humidity of the air, that may influence the product's grip.  
Above all if it is applied to synthetic fibres with a low absorption capacity, that might lead to crystallisation or stains on the material.

- **In the case of decoration material (e.g. green plants) all that is required is to spray a fine water mist to remove the crystallisation or stains.**

**Application quantity:** The application quantity depends on the type and thickness of the material used.

- **The highly concentrated product can be diluted with water to achieve the desired concentration. Preliminary flame tests are necessary.**

**Processing:** For materials: In the Foulard procedure (request application sheet) or by immersion impregnating materials spin off the products up to 60 - 70 % residual humidity  
For decoration materials: soaking / immersing: allow to dry in a suspended position  
Spraying (see protective measures): Generously spray material / textile in a suspended position from both sides, in the case of sensitive materials only apply to the rear material side.

**Protective measures:** In processing with the spraying method protect face and hands (gloves, simple mask, protective goggles). If the product is sprayed generously in high concentrations additionally ensure that there is sufficient fresh air. Do not forget to wear a mask (pH 6). Cover up flooring which is sensitive to acid.