

# MACROSPEC TP

Modified Vegetable Extract

**MACROSPEC TP** is a polyphenolic retanning agent, especially recommended in the production of upholstery leather.

## Typical Analysis

Physical aspect: Hygroscopic, dust-free, light beige powder

Ionic character: Anionic

PCP: Free

Active matter (%): 93.5 - Minimum

pH (Aqueous Sol. 20% w/v): 4.0 - 4.5

## Properties

Due to its chemical modifications, **MACROSPEC TP** provides fast, in depth penetration and provides softness, good filling and embossing retention. **MACROSPEC TP** is soluble in water.

## Application

**MACROSPEC TP** may be used either on its own or in combination with other vegetable, synthetic and/or auxiliary extracts.

It is recommended to use **MACROSPEC TP** as follows:

### Chrome -free

Upholstery leather: 10 - 20% calculated on the weight of the shaved hides

### Retanning

Upholstery leather: 3 - 5% calculated on the weight of the shaved hides

### **Storage**

The properties of **MACROSPEC TP** powder shall remain unchanged providing it is stored in a dry, aired place, in tightly closed packaging and protected from sunlight.

### **Presentation**

**MACROSPEC TP** is available in dust-free, powder form, packed in 25 kg bags (net weight). It may also be supplied in bulk or pallets of up to 2 tons in weight.

### **Toxicological Information**

Please refer to the relevant **MSDS** (Material Safety Data Sheet) which may be found in our website. Alternatively, please contact our Sales Department.

The present information and our technical advice are provided in good faith and do not constitute a formal warranty. This also applies when the rights of third parties are involved. The information is therefore given as a mere indication and does not relieve users of our products from the obligation to check its validity and/or test our products in an adequate manner for the processes and uses they are intended for.

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