

## DEBAZYM SUPRA

***Very strong bating agent for slightly acid media, based on selected proteases designed for lightweight, airy and soft double face manufacture. It imparts excellent and very uniform softness.***

### **Descriptive properties**

- Appearance** : Light brown fine powder  
**pH optimum** : pH 4,0 - 7,0  
**pH (1:10)** : 6,5  
**Solubility** : Completely miscible with water  
**Storage** : Minimum 1 year - dry storage-

Debazym SUPRA has a very wide range of applications in the manufacture of lightweight, airy and soft fur skins. The product has outstanding softening effect and significantly increases the surface area yield by reducing wrinkle formation. Soft, airy and light fur skins with improved quality and higher surface area are obtained by a more environment friendly enzymatic process.

Even on problematic skins with non uniform hard zones, caused by insufficient soaking or inadequate bating operations, Debazym SUPRA imparts very good softness not attainable with fat liquors. Debazym SUPRA eliminates almost completely these hard zones.

In most cases very important area yield along with a higher quality and better physical properties are obtained by simple addition of Debazym SUPRA to the standard tannery process.

### **Application recipes**

Several processes are being developed based on the application of this product. Please ask for more specific inquiries to our technical staff.

**Depickling:** (on pickled weight) in a 6 - 7 Be bath, after a degreasing agent action 0,1 - 0,15% Debazym SUPRA for 40' then continue with degreasing.

**Bating of wet blues:** wash twice to eliminate unbound chrome salts, bring pH to 4,5 - 5,5 and bate with 0,1 - 0,4 Debazym SUPRA for about two hours. Wash and continue with neutralization.

**Before intermediate fat liquoring in fur skin manufacture:** By regular process one can get the requested neutralization pH and then 0,2 - 0,5 g/l Debazym SUPRA and run for 60 - 90 minutes more then drain and continue as usual.

**Rewetting of crust:** By regular process one can get the requested rewetting pH and then 0,5 - 2,0 g/l Debazym SUPRA and run as long as necessary then drain and continue as usual.

### **Packaging**

25 kg in kraft bags.