

## DEBAZYM OLP

***Bating agent based on selected microbial proteases formulated to work at slightly acidic baths, leathers treated with exhibit larger surface area.***

### **Descriptive properties**

- Appearance** : Light cream powder  
**pH optimum** : pH 4,5  
**pH (1:10)** : 7,0 - 9,0  
**Solubility** : Completely miscible with water  
**Storage** : Minimum 1 year - dry storage-

Debazym OLP is formulated to work at slightly acidic baths. The product is more effective and performing than alkali bates. Due to its very specific nature and the ingredients in the formulation the product softens the hides and skins, makes them lighter in weight, improves area yield, better and more performing dyeing, retanning and fat liquoring are achieved. Debazym OLP helps the removal of wrinkles formed due to the mistakes made in earlier manufacturing stages. A more standard production quality with better performance on softness, tear strength, touch, fullness, dye evenness and brightness with better area yield is assured. Dyestuff penetration and dyeing uniformity therefore dyeing yield is greatly improved.

Debazym OLP dissolves and removes all excess gelatinous material from the fiber and opens the structure so that dyeing, retanning and fat liquoring operations become more effective. Cleansing effect associated with the product gives cleaner and even colored leather surfaces. Debazym OLP imparts an excellent degree of softness by hydrolyzing unwanted substances in the fiber structure and improves fat liquoring and retanning. Leathers show finer grain pattern and more elastic grain structure is achieved. A very significant increase in the surface area yield is obtained.

As such product finds its use at almost every manufacturing stage from pickling to depickling and neutralization and also on every type of skin and hide processing, from cow to sheep and double face.

One quite important aspect of the product is that in tanneries where different origin raw materials are processed by simple but proper addition of Debazym OLP to the process the quality of the final leather is shifted towards more standard and higher quality.

Another use for Debazym OLP is depickling. When pickled stock is in question creases due to piling and insufficient bating are easily removed.

Debazym OLP can also be used to standardize wet blue stock and obtain more homogenous bating effect and again to remove wrinkles due to piling and insufficient bating.

### **Application recipes**

The necessary amount of Debazym OLP for a specific application will depend on the final intentions and the applications must be optimized according to the needs. This allows each tannery, tanner or formulator to develop its own technology, its own leather quality and its own product.

### **Remarks**

Temperatures above 45°C will affect enzymatic activity in an unpredictable manner thus it must be avoided.

### **Packaging**

25 kg in kraft bags.