

## DEBAZYM LP MAX

***Special enzyme for lightweight, airy and soft leather manufacture. It can be used between pH 2,0 and 10,0. Leathers treated with exhibit more uniform color and improved dye uptake. By its use solvent degreasing can be avoided and use of surfactants can be reduced.***

### **Descriptive properties**

<b>Appearance</b>	: Light brown fine powder
<b>pH optimum</b>	: pH 2,0 - 10,0
<b>pH (1:10)</b>	: 6,0 - 8,0
<b>Solubility</b>	: Completely miscible with water
<b>Storage</b>	: Minimum 1 year - dry storage-

Debazym LP MAX by its nature has a very wide range of applications in the manufacture of lightweight, airy and soft leathers. The product has outstanding degreasing effect. Soft, airy and light leathers with improved dyeing quality is obtained by a more environment friendly enzymatic process.

Debazym LP MAX when added to soaking baths speeds up and intensifies the soaking effect by hydrolyzing the natural fat of the hides and skins. Subsequent operations then are performed more effectively. Pelts show more brilliancy and they are cleaner.

In soaking, liming and bating Debazym LP MAX can substitute surfactants in the production of hydrophobic leathers since it doesn't counteract the effect of the chemicals used.

In car upholstery manufacture Debazym LP MAX helps improving fogging values.

Debazym LP MAX finds its use mostly in degreasing of wet blue stock where it helps removal of remaining natural fat and improves area yield while standardizing the nonhomogeneous wet blue stock. When used in wet blue rewetting one obtains more homogeneous degreasing, improved uptake of retanning and fat liquoring is assured which leads to much better, more uniform and even dyeing with a reduced dyestuff consumption. An important increase in tear strength is assured. As such it can be used to standardize wet blue stock received from different suppliers or processed in different drum batches.

In double face manufacture Debazym LP MAX improves the handle, the appearance, the wet ability, the softness and the tensile strength. Felting tendency of the wool is greatly reduced. Much better dye uptake and dye wash fastness values are attained. Soft airy and lightweight fur skins are obtained.

### **Application recipes**

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

As a general rule of thumb longer contact times of the product with the skins/hides will allow better performance in degreasing.

For a first trial we would suggest 1,0 % for wet blue bovine hides and wet blue pigskins.

For pickled sheep skins, best degreasing performances are observed between pH 6,5 and 8,5, more specifically at pH 7,5 in processes starting from lower pH values and with longer contact times with 1,0 - 2,0 % offer, that is in depickling.

### **Packaging**

25 kg in kraft bags.