

MYSTOZYME 2000 LIQUID CONC

Leather Auxiliary Product Data

Function

A multi-purpose, concentrated enzymatic bating agent for hides and skins supplied in liquid form. Based on proteolytic enzymes, *Mystozyme 2000* removes interfibrillary protein and residual hair, loosens scud and relaxes the pelt structure.

Composition

Supplied in the form of a clear amber liquid, *Mystozyme 2000* contains an optimised blend of proteolytic enzymes. The enzymes are incorporated at high concentration into a specially formulated liquid base to give excellent long-term storage stability.

Application

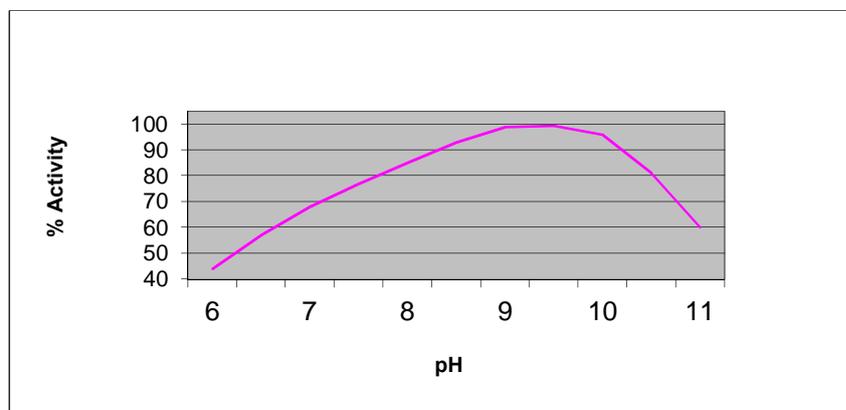
Suitable for bovine hides in the production of shoe upper and upholstery leather. Also suitable for sheepskins. An Ammonia-free formulation, *Mystozyme 2000* readily dissolves in water, assisting in achieving a uniform bating effect.

Benefits

Mystozyme 2000 is a highly concentrated product and is very cost effective in comparison with conventional, lower activity powdered enzyme products. It is easy to use, with none of the potential dust hazards associated with powdered products and is completely miscible with water.

Mystozyme 2000 promotes efficient interfibrillary protein and scud removal from hides or skins. It can completely remove residual hair from follicles. Regular fibre separation is promoted, resulting in a clean uniform hide or skin with a high level of softness and increased tear strength. *Mystozyme 2000* has a typical activity of 16,500 Löhlein Volhard Units (LVU) per gramme.

Activity



Optimum performance is achieved in the pH range 8 to 10 and the temperature range 30°C to 35°C

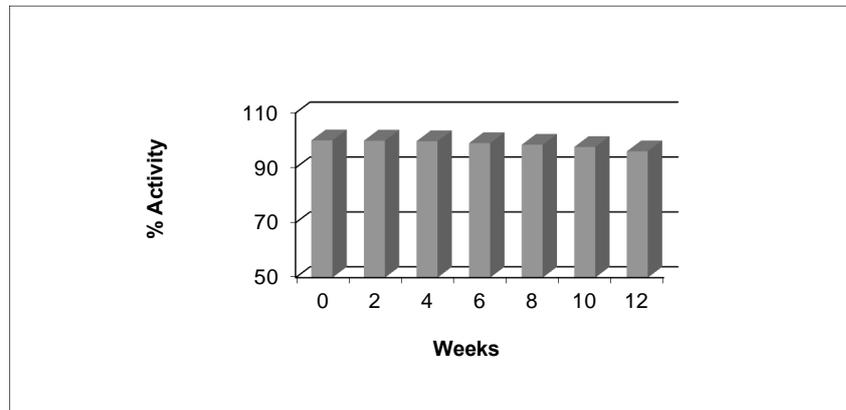
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Processing

Depending on the degree of softness and suppleness required, an addition of 0.05% to 0.10% *Mystozyme 2000* should be made. Processing time may vary from 30 minutes to 90 minutes. Prior to addition, the product should be pre-diluted in 5 to 10 times its own volume of cold water.

Stability

Mystozyme 2000 should be stored at a temperature below 30°C. When stored at 20°C, the product retains approximately 99% of its activity for at least 3 months.



Even at elevated temperature of 37°C, activity is substantially retained over 12 weeks.

Handling

Avoid aerosol inhalation and skin contact.
For further information see product Safety Data Sheet.