



SALZYME - ALP

(Versatile Degreasing cum Fiber opening enzyme for leather Industry)

Product description:

SALZYME – ALP is a versatile degreasing cum Fibre opening enzyme preparation based on different lipolytic enzymes conglomerate suitable for post W/B degreasing of all kinds of Hides & Skins. It reacts biochemically with natural fats present in leather and hydrolyses them into free fatty acids & diglycerides, whereas surfactants reduce the surface tension only. This emerging enzymatic degreasing technology offers a sustainable alternative to chemical processing replacing solvents & surfactants up to maximum extent means a stronger environmental profile for leather industry.

Features:

SALZYME – ALP can eliminate usage of surfactants up to 50% in the case of sheep skins and pig skins and up to 70-90% in hides.

It improves softness, grain quality and look of final leather, at the same time enhances tensile and tear strength

It imparts treated final leather a more uniform colour and a cleaner appearance.

Its usage improves the hydrophobic tendency in waterproof leather.

Its usage helps in reducing “FOGGING” effect in car upholstery leather.

Its efficient degreasing results in final leather free of any fatty spew problem.

Application:

- For Goat and sheep W/B, 1.0 – 3.0% is recommended on shaved weight for proper degreasing before rechroming, followed by 2-3 times thorough washing.
- For New Zealand sheep W/B, 3.0 – 5.0% is recommended on shaved weight before rechroming to obtain good degreasing effect. Skins need to be thoroughly washed 2-3 times to remove fat. Total fat content of wet blue is brought down substantially.
- For pig W/B, which usually have excess fat, degreasing is a very complex process. A dosage of 4.0-5.0% of this enzyme may be required to achieve good degreasing result, which must be followed by 2-3 times washing.
- For Cow and Buffalo W/B, 1.0-2.0% is recommended along with a good wetting cum dispersing agent before rechroming for excellent degreasing and fiber opening results.

Product specification:

Appearance	:	Light brown colored Powder
PH (1:10 dilution)	:	5.0 to 6.0
Moisture Content	:	< 5.0% w/w
Insoluble Matter	:	< 2.0% w/w
Solubility in water	:	Completely soluble

Shelf life:

Min. 11 months when stored in a dry, cool place in closed containers at ambient temperature.

Packing: available in (powder) 25 kgs. Hdpe drum.

Disclaimer:

The above information presented is for just basic guidance. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.