



# CATAZYME SX

Leather Nourishing Enzyme

<b>Chemical composition</b>	Blend of Hyperactive Enzymes
<b>Active pH</b>	Active at pH 5.2 to 6.0
<b>Appearance</b>	Pale Light Tan powder
<b>Active Temperature</b>	Between 25 to 40° C.
<b>Shelf life</b>	Up to 1 year at temperatures if stored in closed containers at ambient temperature
<b>pH 10%</b>	5.0 to 6.5

## Properties

**CATAZYME SX** is a blend of specially cultured enzyme for opening up of grain structure of the leather and to reduce the wrinkles and growth marks by relaxing the leather.

These enzymes are cultured by unique process and are highly attracted towards the grain surface. The elastins are dissolved by the enzymatic action which results in the opening the fibres and grain surface. The end result is much softer leather will stretch, smooth grain along with comparative area increase.

The enzymes are active between pH range 5.2 to 6.0 which is to be maintained accurately by using pH indicator solution instead of pH paper.

## Application:

**For Normal Leathers : (Increase pH to 4.0)**

	% on Depickle	% on wet blue	Run Time
<b>Goat Skins</b>	<b>Upto 0.30%</b>	<b>Upto 0.50%</b>	<b>One Hour</b>
<b>Sheep Skins</b>	<b>Upto 0.25%</b>	<b>Upto 0.40%</b>	<b>One Hour</b>
<b>Calf Skins</b>	<b>Upto 0.30%</b>	<b>Upto 0.50%</b>	<b>One Hour</b>
<b>Cattle Hides</b>	<b>Upto 0.50%</b>	<b>Upto 0.75%</b>	<b>60 to 90 Minutes</b>

## Tighter Origin Leathers:

**Practical Application for Tighter Origins and more particularly for Garment and soft upholstery articles:**

**Quantity Based on Wet Blue Shaved Weight : Bath pH 5.2 to 5.7**

Sheep / Goat : 3 – 4%

Cow : 2 – 3%

Buff : 4 – 5%

**It is advised to check the pH with indicator solution rather than pH papers to get more accuracy on pH control which is the main factor in the functioning of the enzymes.**

The information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

**ZSIVIRA CHEMIE INDIA PRIVATE LIMITED**

02/12