



# CATAZYME JFL

Leather Nourishing Enzyme

<b>Chemical composition</b>	Blend of High performance Hyperactive Enzymes
<b>Active pH</b>	Active at pH 4.0 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>	7.0 to 7.5

## Properties

**CATAZYME JFL** is a blend of specially cultivated enzyme for hyperactive performance in leather to reduce the wrinkles and growth marks.

The enzymes are highly capable of opening the fibres and grain surface even in the toughest origin.

Excellent softness can be seen after using **CATAZYME JFL** along with grain smoothness and inner softness.

Eventhough the enzymes are active between pH 4.0 to 6.0 they are most hyperactive between pH range 5.2 to 5.7 which is to be maintained accurately by using pH indicator solution instead of pH paper.

To get outstanding result it is recommended to use **ZEPROLIN ZXi / TMZ** 2 to 3% which is an enzyme accelerator. The leather will maintain its naturality and a profound area increase of about 5 to 10% can be obtained from all tighter origins provided the pH is maintained properly in the bath.

## 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%

**To get the best softness along with area increase it is strongly recommended to use enzyme accelerator ZEPROLIN ZXi / TMZ for about 2 – 3% after finishing CATAZYME JFL process and in the same bath, run for 45 minutes.**

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**ZSIVIRA CHEMIE INDIA PRIVATE LIMITED**

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