



Smart Chemistry

ZSIVIRA

CATAZYME XR

Speciality enzyme for grain relaxing

<i>Chemical composition</i>	<i>Blend of Selective Performance Enzymes</i>
<i>Active pH</i>	<i>Active at pH 5.2 to 5.7</i>
<i>Appearance</i>	<i>Pale Light Tan powder</i>
<i>Active Temperature</i>	<i>Between 25 to 40° C.</i>
<i>Shelf life</i>	<i>Up to 1 year at temperatures if stored in closed containers at ambient temperature</i>
<i>pH 10%</i>	<i>7.0 to 7.5</i>

Character :

Speciality enzyme for grain relaxing/open up.

Properties

- *CATAZYME XR is a combination of selective performance enzymes to be used in leather to reduce the wrinkles and growth marks by relaxing the leather.*
- *CATAZYME XR is used in various articles to prepare the base work for grain opening which subsequently paves way for entry of tanning chemicals like fatliquors and syntans to penetrate the leather properly to get and achieve the desired article.*
- *CATAZYME XR works well 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 are enzyme accelerators.*

The above information on application on leather is given in accordance to the best of our knowledge and our lab applications. As the usage of the product by the consumer is not under our control, we are not liable for any sort of claims or reimbursements. The product is given without any guarantee/warranty in connection to end use.

ZSIVIRA CHEMIE MERK PRIVATE LIMITED

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For Normal Leathers : (Increase pH to 4.0)

	<i>% on Depickle</i>	<i>% on wet blue</i>	<i>Run Time</i>
<i>Goat Skins</i>	<i>Upto 0.30%</i>	<i>Upto 1%</i>	<i>One Hour</i>
<i>Sheep Skins</i>	<i>Upto 0.25%</i>	<i>Upto 1%</i>	<i>One Hour</i>
<i>Calf Skins</i>	<i>Upto 0.30%</i>	<i>Upto 1%</i>	<i>One Hour</i>
<i>Cattle Hides</i>	<i>Upto 0.50%</i>	<i>Upto 1.5%</i>	<i>60 to 90 Minutes</i>

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 XR process and in the same bath, run for 45 minutes.

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.

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