



Smart Chemistry

ZSIVIRA

CATAZYME DMX

Powerful Enzymatic Degreasing

<i>Chemical composition</i>	<i>Blend of High performance Hyperactive Enzymes</i>
<i>10% pH</i>	<i>Active at pH 4.5 to 6.0</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>Solubility</i>	<i>Fully Soluble and fully Biodegradeable</i>

Properties:

CATAZYME DMX is a blend of specially cultured enzymes for degreasing all kinds of leather.

Since the product is combination of various enzyme groups, during degreasing process, one group of enzymes attack the retractile elastin proteins which cannot be tanned during chrome tanning. This enzyme attack will result in opening up of the membranes surrounding the fat structure which makes way for the other group of enzymes to enter into the fibres and fibrils and access the fat particles inside the leather.

These enzymes will breakdown the fat particles and distribute them evenly within the leather fibre structure. The excess fat particles gets removed out of the leather and washed out. In most cases like hides, degreasing with surfactants might not be needed.

The final leather will have better softness, uniform colour and clean grain. Best for hydrophobic leather as it retains hydrophobic character.

Prevents fat spew formation. Drastic reduction in FFA content.

Reduced consumption of fatliquors as the existing natural fat is not fully taken out of the leather which is done in case of using surfactants.

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.

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