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Leather Biotechnology

Biotechnology is considered as the use of knowledge that allows the utilization of biological agents (organisms, cells, and organelles, molecules) to obtain goods or to ensure services. In recent years the use of biotechnology presents a lot of advantage for industries, Biotechnological processes applied in leather production, is a new strategy for biodegradation of leather industry waste effluent allowing the reduction of environment impact of this activity.

In leather production, leather processing contributes 80–90% of the total pollution biotechnology, mostly using enzymes, can be applied in different steps of process: soaking, unhairing, bating, dyeing, degreasing or in effluent and proteinaceous solid wastes treatment.

Hence KILT is incorporating the use of enzymes in processing technologies for the reduction of pollution loads due leather processing via chemical treatment.