

Lactic Acid

TECHNOLOGY



Lactic acid has a wide range of applications in food and chemical industries, pharmaceutical and cosmetic industries. In recent years more attention was given to lactic acid based on its use for the production of polylactic acid (PLA) which finds many industrial and medical applications as safe, biocompatible, and biodegradable polymer.

PROBLEM: PLASTIC POLLUTION



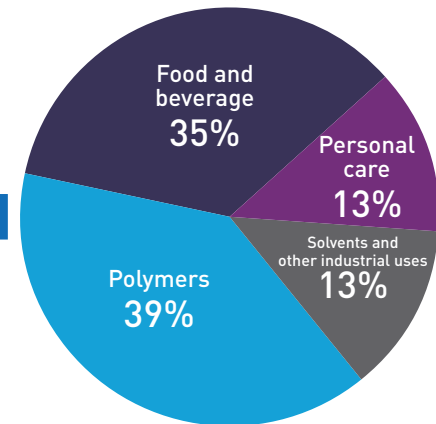
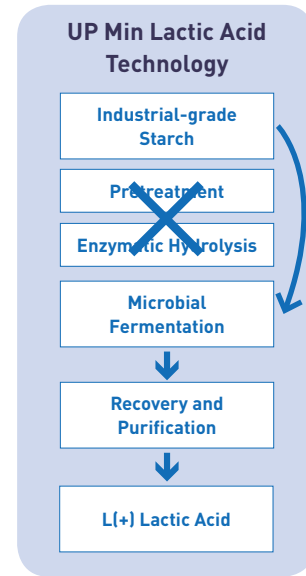
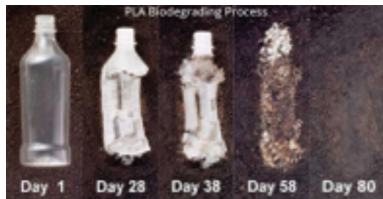
SOLUTION: PLA-BASED BIODEGRADABLE PLASTIC



Bioplastics



PolyLactic Acid Resin



STATUS

DONE	DONE	DONE	OUR TARGET	FUTURE	FUTURE
SELECTION OF MICROORGANISM	LAB-SCALE BIOPROCESS	PRE-PILOT BIOPROCESS	PILOT BIOPROCESS	PRE-INDUSTRIAL DEMONSTRATION	INDUSTRIAL PRODUCTION
Milligrams	Grams	Kilograms	Tons	X,000 Tons	XX,000 Tons
Preliminary Research Conducted		Academe		Industrial Partnerships	

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