



PURO RENEWABLES

Puroplast™ Bioaccelerator

HDPE | LDPE | LLDPE | PP

Certified additive technology to bioassimilate non-recyclable plastic products in a landfill



Puroplast
Bioaccelerator
Natural

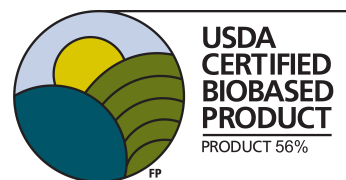


Puroplast
Bioaccelerator
White



Puroplast Bioaccelerator Clear

- Additive designed to bioassimilate **non-recyclable products** in a landfill.
- **Efficacy confirmed via ASTM D7475 Standard Test Method For Determining The Aerobic Degradation And Anaerobic Biodegradation Of Plastic Materials Under Accelerated Bioreactor Landfill Conditions**
- **Customized based on intended lifespan of product.**
- **Universal Equipment Compatibility**
- **Food Safe, GRAS by FDA**



How the Puroplast Bioaccelerator Works

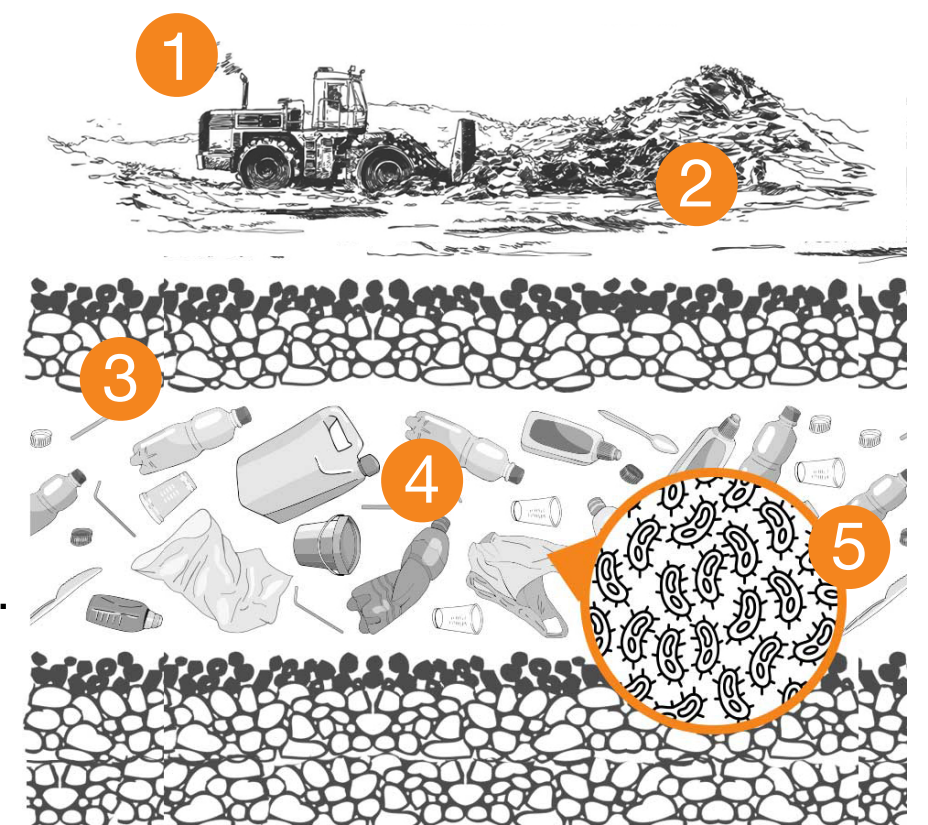
Step 1: A non-recyclable plastic product made with the Puroplast Bioaccelerator is discarded into an bioactive landfill.

Step 2: The Puroplast Bioaccelerator begins to break down the product in the abiotic zone of the landfill.

Step 3: As more trash is added to the landfill the product will enter an anaerobic and biotic environment.

Step 4: The Puroplast Bioaccelerator will then accelerate the breakdown of the product, transforming it into short-chain molecules, palatable for microbes to eat.

Step 5: Hungry microbes will consume the short chain molecules, leaving no toxic or visible trace, including microplastics.



PRODUCT APPLICATIONS

- **BAGS:** dry-cleaning bags, trash bags, other non-recyclable bags
- **BOTTLE CAPS**
- **CONTAINERS:** chemical containers, oil containers
- **DIAPERS**
- **PACKAGING:** bubble-wrap, cereal bags, food contact, thin-film, stretch film, shrink-film