



BIODEGRADATION

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INTRODUCTION

- Biodegradation is the disintegration of materials by bacteria, fungi, or other biological means.
- It simply means to be consumed by microorganisms, "compostable" makes the specific demand that the object break down under composting conditions.

INTRODUCTION

- Biodegradation is a chemical process in which materials are dissolved by bacteria or other biological elements.
- If a material is biodegradable, it means that it can be consumed by microorganisms and turned into compounds that are natural.



INTRODUCTION

- It is an important process in ecology and waste management. Items that are biodegradable are considered environmentally friendly because they can turn back into elements found in nature.
- Organic materials, such as those that come from plants and animals, can be degraded aerobically (with oxygen) or anaerobically (without oxygen).
- Some artificial or inorganic materials can also be biodegraded. It is possible to identify specific microorganisms that are able to biodegrade these materials.

PURPOSE

- To make the environment neat and clean
- To reduce the waste generation and recycle the materials

OUTCOME

- To mitigate the pollution
- Will generate compost for utilisation in agriculture and horticulture (crops and gardens etc.)

The image features a light gray gradient background. In the top-left and bottom-right corners, there are several realistic-looking water droplets of various sizes, rendered with soft shadows and highlights to give them a three-dimensional appearance. The text "THANK YOU" is centered in the lower half of the image.

THANK YOU