



1 What does ECOLOGICSM do?

EcoLogic owns, manufactures and markets Eco-One[®] brand of additives for plastic products worldwide. Eco-One[®] is an organic additive which renders traditional plastic biodegradable in landfills and composting environments.

2 Are these products the same as starch or sugar based plastics (examples: PLA, PHA, PHB, etc.)?

No. Eco-One[®] based plastics are not similar to corn or sugar based plastics in their properties, how they function or how they biodegrade.

3 Is the plastic with Eco-One[®] the same as oxo-biodegradable plastic?

No. Oxo-biodegradable plastics require oxygen and UV light or heat to biodegrade and thus will not biodegrade in landfills. Products using Eco-One[®] do not require either UV light or oxygen to biodegrade and will biodegrade at any depth in landfills.

4 Are these products recyclable?

Yes. Products using our Eco-One[®] additive are 100% recyclable. There is no change in intrinsic viscosity of the plastic after adding Eco-One[®].

5 Is your organic additive FDA compliant?

Yes. Our additive is FDA compliant for contact with food in polystyrene (PS), polyolefin (all polyethylenes and polypropylenes) and polyethylene terephthalate (PET) applications. It has 3rd party verification by Keller and Heckman LLP.

6 Does Eco-One[®] and/or products made with Eco-One[®] have a limited shelf life?

No. Unlike both PLA and Oxo products, Eco-One[®] has a very long shelf life and products made with Eco-One[®] have the same shelf life as they would have had without Eco-One[®].

7 Does Eco-One® have any special storage requirements?

No. Unlike Oxo or PLA, Eco-One® does not have special storage requirements.

8 What testing has been done? Do you have proof of the biodegradability of your products from a third party laboratory?

Yes. We can furnish all testing results. Please contact us.

9 How do these products biodegrade?

For details, please go to www.ecologic-llc.com and check-out our "How It Works" section.

10 How long does it take these products to biodegrade in landfills?

This will depend on the amount of Eco-One® in the product, the conditions of the landfill, and the thickness and composition of the product. The average landfill is a very good environment for biodegradation because it is warm, moist, and full of soil micro-organisms and food waste that cause the micro-organisms to eat the plastic. We believe complete biodegradation will take place on average between 9 months to 5 years.

11 Are any of the ingredients in the additive harmful to people or to the environment?

No. Our additive is 100% organic and is in compliance with FDA standards for contact with food.

12 Will active microbes in food (meat, cheese, etc.) or lawn care products start the biodegradation process in normal storage conditions such as a warehouse or store shelf?

No. Eco-One® attracts oleophilic bacteria (oil eating bacteria) that are present in landfills. The active microbes in food or dairy products or lawn care products are not oleophilic and not the "super" colony of microbes you find in landfills, composting sites, or waste water sludge plants.

Let us help you build a greener future.

For more information contact:

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