



Products are designed with a controlled lifetime and when discarded will degrade

Why OxoBiodegradable Garbage Bags?

LITTER CONTROL

- Reduces plastic pollution
- Limits government intervention
- Non-toxic residues
- Reduced corporate branded litter
- Environmentally friendly
- Carbon retention in soil

LANDFILL DISPOSAL

- Reduces landfill volume
- Minimizes organic waste entombment
- Environmentally responsible
- Easy implementation / adoption
- Cost / performance / infrastructure

TECHNOLOGICAL MERITS

- Scientifically substantiated
- FDA and EFSA compliant applications
- Controlled product life cycle
- Cost effective over alternatives
- Recyclable
- Proven performance
- Compatibility — no re-tooling or productivity loss

How does OxoBiodegradability work?

1. After use, when the product is disposed of in landfills, compost sites, arable land, or inadvertently as litter, these products undergo oxidative degradation much more rapidly than ordinary plastics.
2. Mechanisms that trigger this process

are heat input, sunlight (UV light) and mechanical stress.

3. For PE products in the presence of moisture, microorganisms, oxygen, and soil these products will ultimately biodegrade (per ASTM D6954-04).



¹ This product, when discarded in soil in the presence of microorganisms, moisture and oxygen, will BIODEGRADE decomposing into simple materials found in nature, as described in ASTM D 6954 - 04. ² This product is DEGRADABLE when discarded in landfill within 12 to 24 months.

The environmental claims statements represented above are provided to EPI's licensees merely as representative examples, and therefore EPI disclaims any and all liability in connection with its use by licensees. Licensees shall perform their own due diligence and obtain their own independent advice relating to any and all environmental claims statements made or declared by the licensee with respect to products incorporating EPI's additives. However, EPI's legal counsel, Keller and Heckman LLP, have provided legal opinions to EPI stating that the above claims are appropriately qualified to meet the relevant legal and regulatory requirements for environmental claims both in the United States and the European Union, including but not limited to requirements under the Federal Trade Commission Guides. Nevertheless, for environmental claims statements made or declared in the state of California, licensees are referred to the California Public Resources Code, Division 30, Part 3, Chapter 5.7, Sections 42355 - 42357, for guidance.



BIOSAFE

100% Degradable Garbage Bags

Oxo Biodegradable™

Today's consumers want a responsible and sustainable approach to protecting our environment when using low-cost, convenient, and disposable products. These bags are just as strong as ever, they are not affected by moisture and can be used again and again until the breakdown process begins.

100% Degradable Plastic Garbage Bags produced with OxoBiodegradeable Technology



Illustration of photo and thermal degradation of a carrier bag incorporating EPI's Oxo-Biodegradable technology (top row) vs. a bag without EPI's Technology (bottom row). Test procedures follow ASTM D5272 "Outdoor Exposure Testing of Photo Degradable Plastics" Guidelines.

This product is made possible by EPI's pioneering OXO-BIODEGRADABLE technology that has been recognized under the ASTM 6954-04 guide. Exposure to sunlight or heat triggers a two-step process, wherein the plastic breaks down through oxidation into small fragments, which then decompose into the natural elements of carbon dioxide, water, biomass, and minerals.

VANCOUVER - 100 S.W. Marine Dr. V5X 2R1
Ph: 604 327 7708 Fax: 604 327 7602
e-mail: info@planetclean.com

DELTA - Central Warehouse - 1607 Derwent Way
Ph: 604 327 1101 Fax: 604 525 0438
e-mail: info@planetclean.com

COURTENAY - 2683 Moray Ave. V9N 8M9
Ph: 250 897 0575 Fax: 250 897 0574
e-mail: infocourtenay@planetclean.com

Available exclusively in British Columbia only at your local PlanetClean® store.

NORTH VANCOUVER - 211-1305 Welch St.
Ph: 604 984 0436 Fax: 604 984 0436
e-mail: info@planetclean.com

VICTORIA - 3311 Oak St. V8X 1P9
Ph: 250 475 2443 Fax: 250 475 2463
e-mail: infovictoria@planetclean.com

KELOWNA - 7-3288 Appaloosa Rd. V1V 2W5
Ph: 250 807 2994 Fax: 250 807 2894
e-mail: infokelowna@planetclean.com

PORT COQUITLAM - 406-1485 Coast Meridian Rd.
Ph: 604 945 9631 Fax: 604 945 9631
e-mail: info@planetclean.com

DUNCAN - 1-2900 Allenby Rd. V9L 6W9
Ph: 250 748 2199 Fax: 250 748 2063
e-mail: infoduncan@planetclean.com

VERNON - 1-4600 29th St. V1T 5B9
Ph: 250 558 1577 Fax: 250 558 1571
e-mail: infovernon@planetclean.com

ABBOTSFORD - 2620 Alliance St. V2S 3J8
Ph: 604 850 9331 Fax: 604 850 9331
e-mail: info@planetclean.com

NANAIMO - 625 Townsite Rd. V9S 1L4
Ph: 250 753 0255 Fax: 250 753 2395
e-mail: infonanaimo@planetclean.com

PlanetClean®
Your Source for Clean®

Service - Solutions - Satisfaction!