
**SW is a global organization that is socially and economically responsible,** we embrace diversity and innovation while protecting the environment which benefits the communities where we work.

**SW was founded with a single purpose: to make our customers more successful.** We realize that to do this, we must develop and manufacture demonstrably better products that cause no unnecessary harm, to provide innovative solutions that are environmentally compliant, and to promote the wellbeing of the customers we serve.

**SW is committed to environmental sustainability and stewardship.** By working to create a cleaner environment through efforts of earth-friendly technologies, practices, and responsible development planning, we will strive to work for a better tomorrow.

**PF-065-095-ECO-TL**
*POWERFORM® S6*
Biodegradable Nitrile

| | |
|---|---|
| THICKNESS | 5.0mil (0.13mm) |
| LENGTH | 9.5” (242mm) |
| AQL | 1.5 |

## Tested and Certified

**Confirmed by third-party test institutes:** Certified by independent laboratories and institutes for biodegradability, ecotoxicity, safety, quality and performance.

**Suitable for direct contact with food:** EcoTek gloves comply with the requirements of U.S. FDA 21 CFR 177.2600-Rubber articles intended for repeated use.

**CE Certified:** Category III according to new Personal Protective Equipment Regulation (EU) 2016/425, tested by a qualified Notified Body.

**Material Health Certificate:** SW’s EcoTek gloves have received the Cradle to Cradle Products Innovation Institute’s Silver Level Material Health Certificate.

**UL NFPA 1999-2018:** Meet stringent requirements of UL National Fire Protection Agency 1999 standard on PPE for Emergency Medical Operations.

## Awards and Accreditation

**Skin Health Alliance (SHA):** Accredited by SHA, an independent, not-for-profit organization working with international dermatologists, researchers and skin scientists to verify that products are skin safe.

**New Product of The Year:** Winner of the Occupational Health & Safety Green Technology New Product of the Year Award.

SKIN HEALTH ALLIANCE

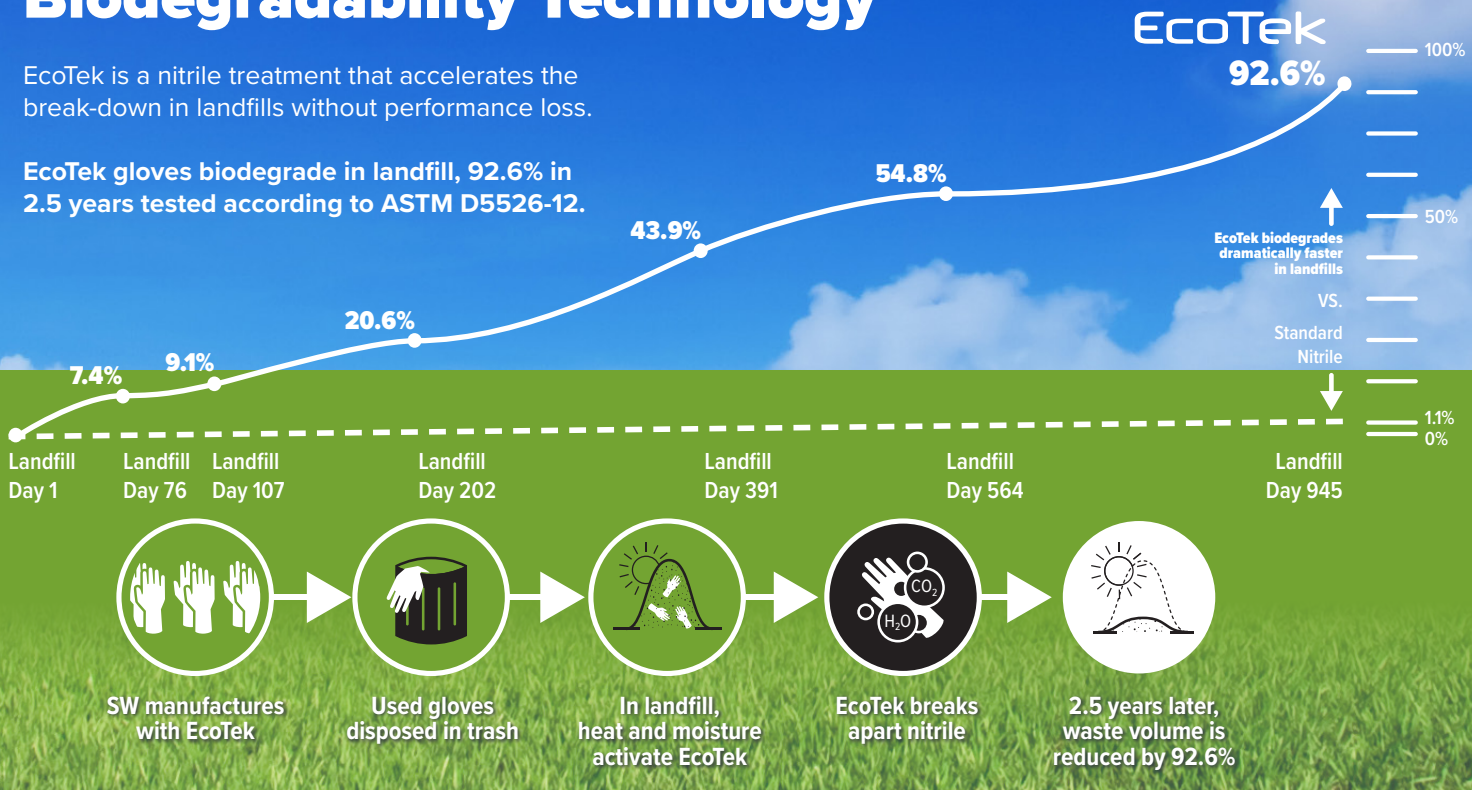
OH&S OCCUPATIONAL HEALTH & SAFETY 2018 NEW PRODUCT OF THE YEAR

# EcoTek®

# Introducing SW® EcoTek® Biodegradability Technology

EcoTek is a nitrile treatment that accelerates the break-down in landfills without performance loss.

**EcoTek gloves biodegrade in landfill, 92.6% in 2.5 years tested according to ASTM D5526-12.**




## What is ASTM D5526?

The American Society for Testing and Materials (ASTM) International validates biodegradation and ASTM D5526 is the standard test developed for determining anaerobic biodegradation of plastic materials under accelerated landfill conditions.

Biodegradability is determined by measuring the amount of CO2 produced over a certain time period. Biodegradation rates are measured in three tiers using 35%, 40% and 60% solid content, representing different landfill conditions.

Biodegradation rates will vary in biologically-active landfills according to its solid content, temperature and moisture levels.

## Biodegradable

Biodegradable refers to a product breaking down into natural elements--carbon dioxide and water vapor--by micro-organisms like bacteria and fungi. Technically, just about everything is biodegradable, though it will take hundreds of years for most products to biodegrade.

## Compostable

Items that break down over a reasonable period, leaving behind no discernible residue or toxins and resulting in a nutritive soil. Must be processed in composting facilities.

## Biodegradable vs. Compostable

EcoTek gloves biodegrade in landfills (anaerobic conditions) and do not claim compostability. Gloves are usually disposed of in landfills and not accepted in composting facilities.

## Claim Validation

The Federal Trade Commission (FTC) has provided “Green Guides” to provide guidance on environmental claims specific to biodegradability:

(a) prohibits unqualified degradable claims for items destined for landfills, incinerators, or recycling facilities because decomposition will not occur within one year;

(b) degradable claims should be qualified clearly stating the ability to degrade in the environment where it is customarily disposed and the rate and extent of degradation.

Feel the difference.™


SW®
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