

THE GREENY®

At last, a highly absorbent, compostable alternative to traditional Blueys

Haines®
MEDICAL AUSTRALIA

Traditional plastic Bluey underpads play a vital role in medical care, however they have long been scrutinised for their environmental impact, and rightly so.

Blueys are an extremely high-turnover consumable. A recent procurement audit of numerous Australian hospitals (conducted by sustainable healthcare advocacy group, TRA2SH¹) found that between 15,600 and 96,000 Blueys were used at each site per year, relative to the number of theatres. With 1350 hospitals in Australia alone, that equates to roughly **75 million Blueys (over 1,950 tonnes) every year, taking over 100 years to break down** when disposed in landfill².

The Haines® Greeny® has been developed to help alleviate the burden of Blueys on our environment. While we recognise that it will take more than this to overcome the problem, we figure a highly absorbent, certified compostable alternative is a great place to start.

Like Blueys, Greenys are designed to:

- Protect bedding, clothing or other surfaces from soilage and contamination
- Reduce the risk of skin conditions caused by prolonged exposure to fluids
- Provide an absorbent surface on which to perform clinical procedures.

Made of compostable bioplastic with a 5-ply paper pulp top layer, Greenys are not only as practical as Blueys, they are **60% more absorbent than 5-ply Blueys³** and **14% more absorbent than 8-ply Blueys⁴**. Higher absorbency means they can remain in place for longer, reducing underpad turnover.



To support environmental awareness initiatives at your facility, switch to Greenys today.



Samples of this product are available for hospital, aged care and healthcare representatives to trial. Contact us for your sample today.



Pictured: 50 Greenys® next to 50 SmartBarrier® Blueys

AWTA 62-1994 Section 4 Fluid Absorption Capacity	Haines® 60cm x 40cm 5-ply Underpad	Haines® 60cm x 40cm 8-ply Bluey	Haines® Greeny® 60x40cm
Percentage Fluid Absorption	397%	499%	552%
Total Product Fluid Holding Capacity	0.1 L	0.1 L	0.2 L
Fluid Holding Capacity	0.5 litre/m ²	0.7 litre/m ²	0.8 litre/m ²

Greeny®

- **Standards:** EN 13432, Earthworm Toxicity Testing (ASTM E 1676)
- **Size:** 60cm x 40cm
- **Colour:** Green
- **Approximate weight:** 29g
- **Fluid holding capacity:** Total product fluid holding capacity approx. 192mL (0.8 litre/m²)⁵
- **Packing:** 50pcs per compostable bag, 6 bags per carton, carton of 300pcs

Code: **BIOPAD5PLY6040**

BOX 300

REFERENCES

¹ TRA2SH procurement audit findings, as featured in ANZCA Bulletin Winter Issue 2020, p54-55 via <https://www.tra2sh.org/ideas> Calculation based on 1350 hospitals and 26g average weight

² TRA2SH Education (via <https://www.tra2sh.org/education>)

³ AWTA test reports – Greeny & 5ply Bluey



⁴ AWTA test reports – Greeny & 8ply Bluey

HAINES® MEDICAL AUSTRALIA. ALWAYS THINKING. ALWAYS THERE.

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Protective Sheets,
Pads & Covers



THE GREENY®

Compostable is ALWAYS biodegradable,
BUT biodegradable is rarely compostable

Haines®
MEDICAL AUSTRALIA

HOW TO DISPOSE OF A USED GREENY

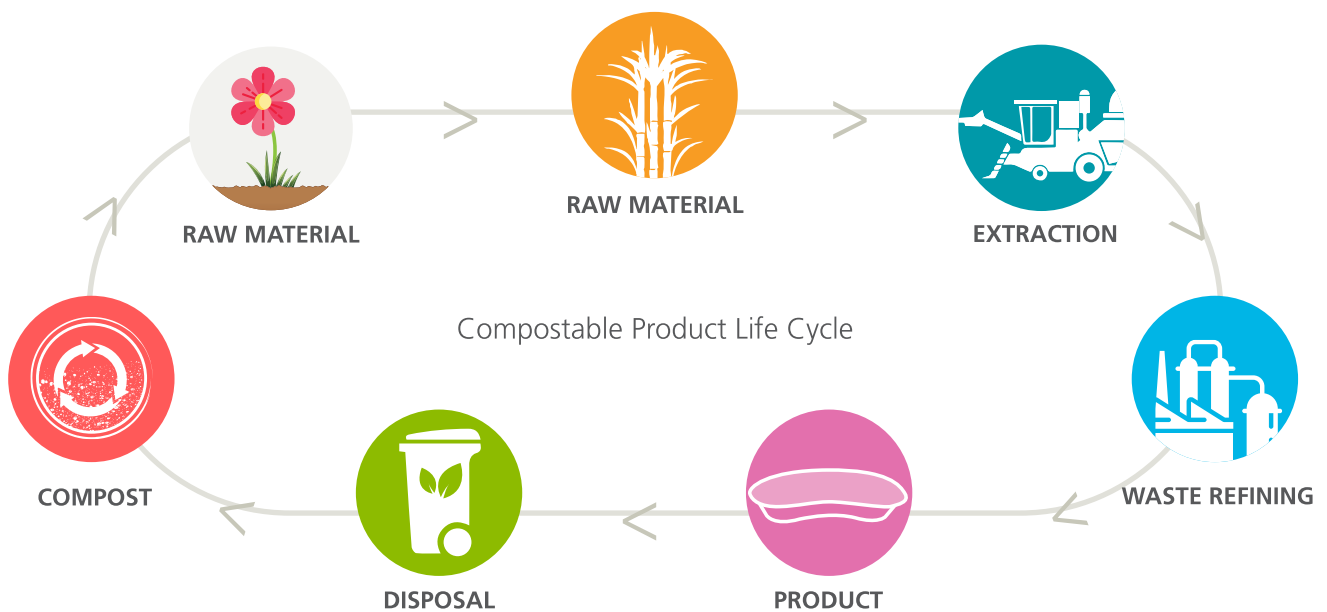
If **contaminated** with bodily fluids, place in a clinical waste bin.

If **not contaminated**, place in a compost or green waste bin. If composting/green waste facilities are not available, place in general waste.

What happens if a compostable product is thrown in the trash?

Composting is a complex process that does not occur in landfills. The right combination of microorganisms, carbon, water, oxygen and nitrogen are essential for composting to occur, as in a compost heap. However, if compostable products are placed in an open landfill or dump where oxygen is available, they will decompose at a rate similar to other biodegradable materials in the same setting³.

LIFE CYCLE OF COMPOSTABLE PRODUCTS



THE DIFFERENCE BETWEEN BIODEGRADABLE & COMPOSTABLE

Biodegradable

A biodegradable product is one capable of decomposing at some point but usually needs help from biological agents such as bacteria. This process can take years.

- Breaks down completely into all natural elements
- May leave behind micro-plastics, but causes no harm to surroundings
- No toxicity in soil



Compostable

A compostable product is one capable of breaking down into soil, within **90 days**, leaving no toxicity behind.

- Breaks down completely into all natural elements - 90% or more to CO₂ with the remaining going to water and biomass = valuable compost
- No micro-plastics
- No toxicity in soil

1. <https://www.european-bioplastics.org/faq-items/what-are-the-required-circumstances-for-a-compostable-product-to-compost/>
2. <http://www.tuv-at.be/green-marks/certifications/ok-compost-seedling/>
3. <https://www.livescience.com/63597-compost-trash-in-landfills.html>



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