

Eco Consumables & Underpads



Efficiency, Safety and Care



GREENY® COMPOSTABLE UNDERPAD

Haines®
MEDICAL AUSTRALIA

The compostable, highly absorbent alternative to a Bluey^{1,2}

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 health-care advocacy group, TRA2SH⁵) 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 landfill.⁴

Like a Bluey, the Greeny® is designed to:

- Trap and contain liquids - protecting bedding, clothing and other surfaces from soilage and contamination
- Provide an absorbent surface on which to perform clinical procedures
- Reduce excessive or prolonged contact with moisture which can compromise the skin moisture barrier and lead to skin breakdown. Skin breakdown significantly increases the risk of shearing, pressure and friction injuries to the skin with the potential of developing localised or systemic infections.³

Made of cornstarch-based bioplastic with a 5-ply paper fluff pulp top layer sourced from responsibly managed forests¹, Greenys® are 100% compostable² and compliant with EN 13432 standards. What's more, they are 60% more absorbent than 5-ply Blueys and 14% more absorbent than 8-ply Blueys.¹ Greenys® are also 14 times more breathable than Blueys.¹

Higher absorbency and better breathability means a **Greeny® can remain in place for longer, reducing underpad turnover.**^{1,3}

What is the EN 13432 standard?

EN 13432 is the European standard for the industrial compostability of packaging. To comply with EN 13432, compostable plastics must disintegrate after 12 weeks and completely biodegrade after six months. By then, 90% or more of the plastic material will have been converted to CO². The remaining share is converted into water and biomass – i.e. valuable compost. Materials and products complying with this standard can be certified and labelled accordingly.





Samples of this product are available for hospital, aged care and healthcare representatives to trial. Contact us for your sample today. Please refer to the full Haines® Greeny® User Guide and always follow the directions for use.

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Protective Sheets,
Pads & Covers



50 Greenys® next to 50 Blueys



Greeny® Compostable Underpad

- **Standards:** EN 13432 with Earthworm Toxicity Testing (ASTM E 1676)²
- **Size:** 57cm x 40cm (absorbency section 51cm x 35cm)
- **Colour:** Green
- **Approximate weight:** 29g
- **Mean Water Vapour Transmission:** 126.306g/24h.m²
- **Fluid holding capacity:** Total product fluid holding capacity approx. 192mL (0.8 litre/m²)¹
- **Packing:** 50pcs per recyclable LDPE bag, 5 bags per carton, carton of 250pcs

Code: **BIOPAD5PLY6040**

BOX 250

\$95

(38c ea)
GST FREE

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TESTING RESULTS

Fluid absorption

| AWTA 62-1994 Section 4 Fluid Absorption Capacity | 5-ply Bluey 60cm x 40cm | 8-ply Bluey 60cm x 40cm | Haines® Greeny® 57x40cm |
|--|--------------------------|--------------------------|--------------------------|
| 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 |

Breathability

| AWTA ASTM E96-2016 Water Vapour Transmission/ Breathability - "Water Method" | 5-ply Bluey 60cm x 40cm | 8-ply Bluey 60cm x 40cm | Haines® Greeny® 57x40cm |
|--|----------------------------|-------------------------|------------------------------|
| Mean Water Vapour Transmission | 8.968 g/24h.m ² | n/a | 126.306 g/24h.m ² |

HOW TO DISPOSE OF A USED GREENY®

The two best ways to dispose of a Greeny® are Composting and Clinical Waste Incineration.⁹

If **contaminated** with bodily fluids, place in a Clinical Waste Bin.

If **not contaminated**, place in a Compost or Green Waste Bin.

| | | | |
|-----------------------------|---|-------------------|---|
| Composting Bin | ✓ | Recycling Bin | ✗ |
| Clinical Waste Incineration | ✓ | General Waste Bin | ⚠ |

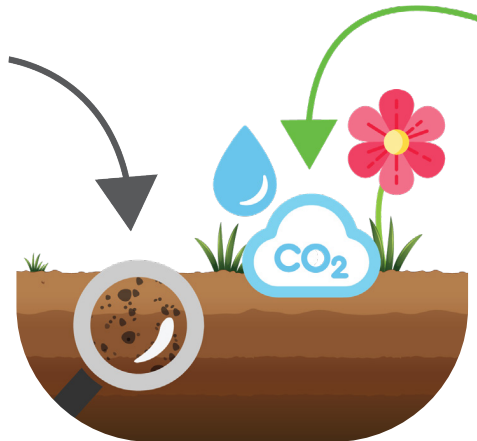
For further information about Greeny® use and disposal, please refer to the Haines® Greeny® Compostable Underpad User Guide.

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 **180 days**, leaving no toxicity behind.^{6,7}

- 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. Test data and/or certification on file.

2. Intertek EN 13432 (compostability requirements) Report. Published December 16, 2021. Accessed Aug 3, 2022.

3. Dean, S. "Moisture Management Report". Published December 16, 2013. Reviewed July 11, 2022.

4. Grobler, S., Davies, J. Clean Up Theatre Day – "Reduce Bluey Use". ANZCA Bulletin. Accessed June 30, 2022.

5. TRA2SH. FAQ. Accessed June 30, 2022.

6. Taylor, A. "If You Throw a Compostable Cup in the Trash, Does It Still Break Down?" Published September 17, 2018. Accessed June 30, 2022.

7. European Bioplastics. "What are the required circumstances for a compostable product to compost?" Published March 2, 2016. Accessed June 30, 2022.

8. TÜV Austria. "OK compost and Seedling". Accessed June 30, 2022.

9. David, R. Energy Industry Review, 'Bioplastics: The Best of the Bad'. Accessed Oct 10, 2022.

10. Cho, R. Columbia Climate School - State of the Planet, 'The Truth About Bioplastics' Accessed Oct 10, 2022.



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Protective Sheets,
Pads & Covers



COMPOSTABLE MEDICAL TRAYS

Compostable in 90 days. 100% sugarcane.
EN13432 Compliant.

Haines[®]
MEDICAL AUSTRALIA

COMPOSTABLE MEDICAL TRAYS

- Single use to support infection control practices and avoid cross-contamination
- Smooth inner base designed for easy wiping before use
- Durable structure
- Water resistant⁽³⁾
- Puncture resistant⁽²⁾
- Compostable in 90 days⁽⁴⁾
- Holds liquid for over 24 hours⁽³⁾
- Latex, wax and plastic free⁽⁴⁾

BENEFITS

- Helps divert excess holloware waste from landfill
- Saves time and water required to wash and restock reusable dishes
- Multipurpose for wound care items, medication and other consumables
- Improved infection control

GUIDELINES FOR USE

- Single use product - not for reuse
- The smooth inner base is suitable to be wiped with pre-moistened 70% isopropyl alcohol swabs and wipes
- Not suitable to hold alcohol-based solutions
- Dishes should be composted or placed in general waste unless heavily soiled or used in a high infection risk area



Samples of these products are available for hospital, aged care and healthcare representatives to trial.

Contact us for your samples today.

KIDNEY DISH

- Multipurpose for wound care items, medication and other consumables
- 720ml capacity⁽¹⁾
- 24.5cm L x 12cm W x 5.5cm H
- Weight: 25g

CODE: **BIOKIDNEY-400**



BOX 400 \$105 (26c ea)
\$115.50 INCL GST



INJECTION TRAY

- One compartment tray
- Size: 20cm L x 7cm W x 2.85cm H
- Weight: 15g

CODE: **BIOINJECTION-500**



BOX 500 \$89.25 (18c ea)
\$98.18 INCL GST



ANAESTHETIC TRAY

- Versatile four compartment tray
- 26.6cm L x 20.4cm W x 3cm H
- Weight: 60g

CODE: **BIOANAESTHETIC-250**



BOX 250 \$183.75 (74c ea)
\$202.13 INCL GST



INSTRUMENT TRAY

- Ideal for holding medical instruments, cleaning scopes and more
- 750ml capacity
- 18cm L x 12.5cm W x 6.4cm H
- Weight: 17g

CODE: **BIOINSTRUMENT-400**



BOX 400 \$100 (25c ea)
\$110.00 INCL GST



1. AWTA Verification Of Liquid Volume Retention Test 15/11/2020
2. AWTA. Determination of Bursting Force Test Results 15/11/2020
3. AWTA Resistance to Water Penetration Hot and Cold Water Hold Test Results 15/11/2020
4. OWS Industrial Compostability on Natural product (BH-14A) Test Results and Report 12/10/2019

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Patient Care &
Treatment Consumables



RECYCLABLE PAPER PRODUCTS

Haines®
MEDICAL AUSTRALIA

Medical Cups & Wound Ruler

PAPER PILL CUP

An easy, hygienic means to distribute pill-based medication



Haines® **Paper Pill Cups** are an environmentally-friendly and cost-effective alternative to plastic pill cups for distributing - and assisting patients to swallow - pill-based medication.

- Biodegradable - made from 100% paper⁽¹⁾
- Ideal for use in hospitals, clinics, aged care facilities and more
- Pleated for extra strength
- Single use for reduced risk of cross-contamination
- Suitable for macerator disposal
- Box of 500 cups or 5000 cups (20 inner sleeves of 250)

*NOT suitable for sharps or liquid medications

CODE: **DPPC-500PACK**

BOX 500 **\$20.45** (4c ea)
\$22.50
INCL GST



CODE: **DPPC-5000**

BOX 5000 **\$94.50** (2c ea)
\$103.95
INCL GST

PAPER WOUND RULER

For accurate measurement and recording of wound progress

Designed in conjunction with wound managers, the Haines® **Paper Wound Ruler** facilitates the measurement of external wound dimensions. The ruler is a convenient tool to monitor and record wound progress (including pressure injuries).

- Recyclable when unsoiled
- Australian-made from 100% recycled paper
- Centimetre measurement up to 18cm
- Single use for reduced risk of cross-contamination
- Fields to record patient information and wound data

CODE: **DPWR-1000**

BOX 1000 **\$126** (13c ea)
\$138.60
INCL GST



PAPER MEDICINE CUP

60ml liquid medicine cup with graduated lines for accurate measuring



Haines® **Paper Medicine Cups** are designed to safely and accurately deliver 5mls to 60mls of liquid medication. The medicine cup is made from paper pulp with a waterproof coating.

- Recyclable paper cup made from 98% paper
- Printed with graduated lines - 5ml to 60ml with 5ml increments⁽²⁾
- Medical grade non-toxic printing
- Suitable to hold liquid for 24 hours⁽³⁾
- Single use for reduced risk of cross-contamination
- TGA registered
- Wax free
- Box of 2000 cups (20 inner sleeves of 100)

CODE: **BIOMEDCUP-2000**

BOX 2000 **\$84** (4c ea)
\$92.40
INCL GST



¹ Biodegradable and compostable certificates on file

² AWTA Liquid Capacity test results 18 September 2020

³ AWTA Leak Resistance test results 25 August 2020

⁴ AWTA Resistance to Leakage on Exposure to Proprietary Denture Cleansing Solution Test 30 November 2020

⁵ AWTA Resistance to Leakage on Exposure to Water Test 10 February 2021



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Patient Care &
Treatment Consumables



BIODEGRADABLE CUPS

Patient Denture & Sputum Cups

Haines[®]
MEDICAL AUSTRALIA

DENTURE CUP WITH OPTIONAL LID

An environmentally friendly option for storing dentures



The Haines[®] Biodegradable Denture Cup with optional Lid is designed for safe and hygienic storage of patient dentures. The denture cup is made from paper with a bioplastic coating, making them fully biodegradable within 180 days⁽¹⁾. The optional lid is made from recyclable polypropylene (recycle code 5).

- Paper cup with a bioplastic coating
- Size: 6cm H x 10cm W
- Holds 300ml of liquid⁴
- Holds denture solution for 5.5hrs⁽⁴⁾ and water for 24hrs⁽⁵⁾
- Area to write patient information
- Sized to hold whole denture
- Single use for reduced risk of cross-contamination
- Cups only: Box of 500 (10 sleeves of 50) (BIODEN-500CUP)
- Cups & Lids: Box of 500 (packs of 50 cups and 50 lids) (BIODEN-500)

CODE: **BIODEN-500CUP** (cups only)

BOX 500 **\$87.15** (17c ea)
\$95.87 INCL GST

CODE: **BIODEN-500** (cups & lids)

BOX 500 **\$115.50** (23c ea)
\$127.05 INCL GST



SPUTUM CUP WITH OPTIONAL LID

An environmentally friendly option for patient sputum, non-clinical specimens and sundry personal items

NEW!



The new Haines[®] Biodegradable Sputum Cup with optional Lid has been developed as a secure vessel for patient sputum, non-clinical specimens and sundry personal items. Made from paper with a bioplastic coating (as with the Haines[®] Denture Cup), the Sputum Cup is compostable when unsoiled with bodily fluids and fully compostable within 180 days⁽¹⁾. It features a firm-fitting, recyclable polypropylene (recycle code 5) lid to prevent spillage and fields to record the cup's contents and basic patient details.

- Paper cup with a bioplastic coating
- Size: 9cm H x 8cm W
- Holds 250ml of liquid
- Area to write patient information
- Single use to reduce cross-contamination
- Can be purchased with or without recyclable lids
- Cups: Box of 1000 (50 pcs/bag 20 bag/box) (BIOSPUTCUP-1000)
- Lids: Box of 1000 (50 pcs/bag 20 bag/box) (BIOSPUTCUP-LID-1000)

CODE: **BIOSPUTCUP-100** (cups only)

BOX 1000 **\$110.00** (11c ea)
\$121.00 INCL GST

CODE: **BIOSPUTCUP-LID-1000** (lids only)

BOX 1000 **\$35.00** (4c ea)
\$38.50 INCL GST



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Patient Care &
Treatment Consumables



SAMPLE REQUEST FORM

TICK THE PRODUCTS YOU WOULD LIKE FREE SAMPLE / TRIALS OF



Antimicrobial Medical Curtains



Disposable MediCurtains



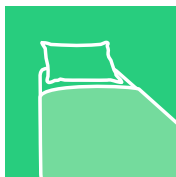
Disposable MediCurtains - Patterns



Disposable MediCurtains - Paediatric



Disposable Shower Curtrains



Medical Sheets, Blankets & Pillows



Disposable Linen



Disposable Blankets



Pillows



Gowns, Garments & PPE



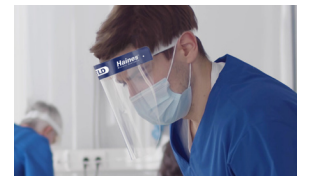
Patient Apparel



Staff Apparel



Non-Slip SallySocks



Face Shield



Patient Care & Treatment Consumables



Disposable Paper Medicine Cup



Compostable Kidney Dish



Compostable Injection Tray



Compostable Anaesthetic Tray



Disposable Paper Pill Cup



Biodegradable Denture Cup



Single Patient Use Tourniquet



Reusable Tourniquet



Protective Sheets, Pads & Covers



Greeny® Absorbent Pad



SmartBarrier® Bluey



TouchDRY® Heavy Duty Transfer Sheet



TouchDRY® Absorbent Pads



FloorDRY® Absorbent Mat

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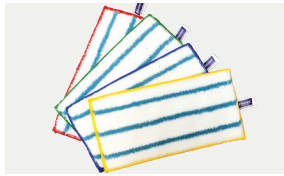


SAMPLE REQUEST FORM

Haines[®]
MEDICAL AUSTRALIA



Healthcare Cleaning Supplies



Reusable Microfibre Mop Head



Disposable Microfibre Mop Head



Disposable Microfibre Cloth



Patient Slide Sheets & Tubes



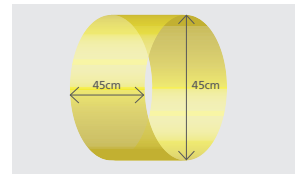
SlippySally[®] Single Patient Use Slide Sheets



SallyTube[®] Single Patient Use



SallyStocking Aid



SallyActive[®]



Patient Slings & Straps



SallySling[®] Repositioning Single Patient Use



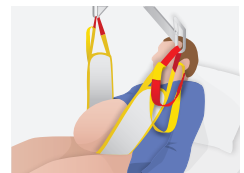
SallySling[®] General Purpose with Head Support



SallySling[®] Sit to Stand Single Patient Use



SallySling[®] Limb Lifter Single Patient Use



SallySling[®] Pannus Support



Patient Slings & Straps



SallyBoard[®] Inservice Request



Haines[®] Air-Assisted Transfer Device



Flojac Inservice Request

OTHER PRODUCTS YOU MAY BE INTERESTED IN:

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FACILITY: _____ DEPT: _____

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- Scan and email
- sales@hainesmedical.com.au
- take a photo and SMS to 0432 183 808
- phone (08) 8294 5999
- or fax (08) 8294 4337

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