

# Environmental Enterprises

**ABN: 43 329 894 836**

Phone: 02 9634 5697 Office Ph, Fax: 02 9634 5697

Mobile: 0417 206 755

Email: [waynelever@bigpond.com.au](mailto:waynelever@bigpond.com.au)

Website: [www.environmentalenterprises.com.au](http://www.environmentalenterprises.com.au)

## **Fully Biodegradable and Compostable Product range**

Disposable cutlery: knife, fork, large spoon, small spoon  
Sugarcane: fibre plates, bowls, cups, lids, plates 18, 22, 24, and  
26 cm compartment, bowls 12&16oz (with lids) and 600ml  
Cups 8 and 12oz (with lids)  
Clear PLA (polylactide) cups (beer wine and juice) 30ml, 100ml, 200ml, 360ml 500ml,  
600ml & lids and domed lids  
Clear PLA sushi boxes: small, medium, large  
Clear PLA containers with lids: 140ml, 360ml, 500ml, 700ml  
PLA straws  
PLA: strawberry punnets  
Commercial strength compost bags: 10lt, 20lt, 30lt, 40lt, 70lt, 80lt, 240lt  
(wheelie bin size)  
Doggie business bags, shopping bags  
Boutique bags: custom made and printed  
Natureflex bags

## **Cornstarch Cutlery**

The new 300A cutlery is an ecologically and environmentally friendly disposable cutlery made from a starch based polymer and chalk, as opposed to the previous biodegradable cutlery, 300A cutlery is white in colour and has better resistance to heat. Its performance is similar to conventional thermoplastics but being based on corn starch is completely biodegradable in a biologically active environment. The rate of biodegradation depends on the size and shape of the article but is similar to the one usually reached by organic household waste

## **Sugarcane Fibre Bowls, Plates, & Cups**

The sugarcane fibre bowls, plates and cups are very similar to conventional paper products. However they have the added advantage of being made from a readily renewable (and sustainable) resource instead of wood chips. The products are uncoated (ie. no plastics) and are bleached by oxygen only. This Elemental Chlorine Free (ECF) process does not detract from their look and /or functionality. Sugarcane fibre products are suitable for hot food/drinks. A new batch of totally unbleached products will also become available.

# Environmental Enterprises

**ABN: 43 329 894 836**

Phone: 02 9634 5697 Office Ph, Fax: 02 9634 5697

Mobile: 0417 206 755

Email: [waynelever@bigpond.com.au](mailto:waynelever@bigpond.com.au)

Website: [www.environmentalenterprises.com.au](http://www.environmentalenterprises.com.au)

## Clear PLA Products

The clear cups, lids, food boxes, bowls, punnets and straws are manufactured from polylactide (PLA), a renewable resource-based resin developed by Cargill. The material uses carbon stored in starch plants (usually corn), which can be broken down into sugars. The carbon and other elements in these natural sugars are then used to make this natural "plastic" through a process of fermentation. PLA biodegrades in approx. 4-6 months. Best results are achieved in a commercial composting facility. PLA products are NOT suitable for HOT food/drinks.

## Cornstarch Bags

All compost bags, shopping bags, "Doggy Business" bags are made in Australia from a starch based polymer (Mater-Bi). The film has a biodegradation time of 20-45 days in composting conditions, breaking down into water, carbon dioxide and biomass. Bags comply with ASTM D6400-99, Din 45900 and OK Compost standards (EN 13432) for biodegradability and compostability. All bags are manufactured in Australia and are of commercial strength (25um thickness except for the 70 lt bag which has a 35um thickness). Compost bags are available in sizes: 10lt, 20lt, 30lt, 70lt and 240lt "wheelie bin" size.

## NatureFlex™ Bags.

Transparent, heat-sealable, home compostable bags suitable for general packaging and dry foods. The bags will biodegrade in approx 3-4 weeks

## Other Products Available soon

Fully biodegradable:

Clear Packaging Film

A variety of clear packaging films will be available, all with their own unique properties and applications.

Applications include: general packaging, fresh food packaging, magazine wraps, etc