

LET US START USING ECO FRIENDLY DISPOSABLES AND GO GREEN



Elegantly designed Areca Disposable Tableware & Cutlery replacing the one time use disposables **Plastic**

**An alternative to tableware in no wet area office messes.**

# Background and Inspiration

Every year thousands of tons of waste are generated due to use of disposable tableware made from **Plastic and Styrofoam**.

Using natural disposable products is a great step towards preventing some diseases as they are made naturally without any added chemicals.

Natural one time use disposables are much healthy, hygienic and consume fewer resources like water, detergent, manpower cost in the

The need of the hour is to start use of tableware that are fast biodegradable or can be easily recycled and is eco friendly

Our tableware are made from the shredded leaves of the **Areca Palm tree**. No trees are chopped or cut at any stage during the making process and only shredded areca leaves are used to make this product



At Udgam being enthused means doing what we do best - producing and marketing dinnerware that's

### One time use

- Biodegradable (28 days) & Compostable
- Sturdy and stands out for its natural look and feel
- 100% chemical Free
- Refrigerator safe

Our products are produced in **Rural India** which generates employment opportunity in the villages

# PLASTIC POLLUTION

## WHAT IS PLASTIC POLLUTION ?

- Plastic , the wonder material that we use for every thing , is perhaps the most harmful of this trash because it does not readily break down in nature.



- In fact, the plastic that goes over the side today may still be around in 100's Of years to foul up the fishing gear , boat propellers, and beaches of future generations , not to mention what it will do to countless generations of marine life and seabirds that eat it or get tangled up in it.

## Plastic's Effect On Human Life

- Plastic plays the villain right from the stage of its production.
- Some of the additives are used as phthalate plasticizers and brominated flame retardants. (Barnes et.al,2009)
- Chlorinated plastic can release harmful chemicals into the surrounding soil, which seeps into groundwater or other surrounding water sources and also the ecosystem.
- Some of the constituents of plastic such as benzene are known to cause cancer.
- some of the chemicals used in plastic production can cause dermatitis upon contact with human skin.
- When biodegradable plastics are broken down, methane is released, a very powerful greenhouse gas that contributes significantly to global warming.



# How **Plastic** impacts the Marine & Fauna life

It is **Time to act fast!**



# Negative impact of plastic on land

**Plastic** pollution on land is both physical and chemical.

**Plastic** reduces soil fertility by farming the part of manure for years.

**Plastic** spoils environment aesthetics and hygiene.

**Plastics** in landfills emit hazardous VOC's during incineration.

**Plastic** in soil can lessen the growth of plants and trees by blocking and absorption of minerals , water and other nutrients.

**Plastics** can cause land slides.

# Solution ?

## Eco Friendly Disposable Tableware and Cutlery



### Why use disposable products?

#### Environmentally friendly.

- Bio- degradable in nature
- On average 10.5 litres (2.77 gallons) of water is used per person, each day, when washing the normal amount of dishes by hand.
- The disposable utensils provide a better option to eat healthy and nutritious food.
- The compostable tableware and cutlery are biodegradable since they break down over time without causing any hazard to the environment.
- Disposable tableware & cutlery truly make your home much healthy and hygienic place to live in when compared to other products.
- The recycled products also reduce the amount of wastage and consume fewer power resources.
- The world is already suffering from lots of pollution so by using disposable products can be easily recycled.
- Using disposable products is a great step towards preventing some diseases as they are made naturally without any added chemicals.

# How **Udgam** is helping the environment



At **Udgam** we procure and promote the best quality **ARECA** Tableware and Cutlery products. Each piece is made of 100% renewable and compostable fallen leaves .

**Udgam's** Dinnerware is a stylishly sustainable alternative to disposable paper and plastic plates.

No trees are ever harvested or cut down.

No chemicals, waxes, dyes or additives are applied. No harmful toxins. No worrying. Finally, disposable utensils that work! Complete your eco-chic table setting.

Renewable, compostable and now even more heat tolerant, forks, knives and spoons formulation offers 95% stronger handles, 20% stronger fork tines, and heat tolerance up to 200° F without relying on unsustainable virgin plastic resources

It keeps your food and our earth free from harm.



# What We Offer



We offer **Areca** Nut Leaf Plates in various shapes like hexagonal, rectangular and circular shapes. These plates are no odorous and hence do not contaminate the flavour of the food

The highly oxygenated areca leaves allows fruits and raw vegetables to remain fresh for a long time

Our areca leaf plates will be applicable in fast-food centres, hotels & restaurants, parties and weddings

Areca Leaf Plates or Bio plates are made from the shredded leaves of the Areca Palm Tree

No trees are chopped or cut at any stage during the making process and only shredded areca leaves are used to make this product

Our Cutleries made from Birchwood and Pinewood

Our **Eco-Friendly** paper Straws made from 350gsm paper, can hold the liquid for 3-4 hrs.

# Plates



PRODUCT CODE **RP01**  
(12" ROUND)

₹



PRODUCT CODE **RP02**  
(10" ROUND)

₹



PRODUCT CODE **RP03**  
(8" ROUND)

₹



\*GST @ 12% ON SPOON & FORK, 5% ON OTHER PRODUCTS



# Plates



₹

PRODUCT CODE **SP05**  
(8" SQUARE)



₹

PRODUCT CODE **SP06**  
(10" FLAT SQUARE)



₹

PRODUCT CODE **SP07**  
(8" FLAT SQUARE)



₹

PRODUCT CODE **SP11**  
(8" SQUARE SHALLOW)



₹

PRODUCT CODE **SP12**  
(4" SQUARE BOWL)



₹

PRODUCT CODE **SP13**  
(3.5" SQUARE)



# Bowl



₹/PC.

PRODUCT CODE **HRT01**  
(HEART SHAPE)



₹/PC.

PRODUCT CODE **HRT03**  
(HEART SHAPE 4.5")



₹

PRODUCT CODE **FS01**  
(FISH)



\*GST @ 12% ON SPOON & FORK, 5% ON OTHER PRODUCTS



# Bowl



₹

PRODUCT CODE **RB02**  
(5" ROUND BOWL)



₹

PRODUCT CODE **RB07**  
(6.5" DEEP SOUP)



₹

PRODUCT CODE **SB02**  
(SMALL SQUARE BOWL)



\*GST @ 12% ON SPOON & FORK, 5% ON OTHER PRODUCTS



# Bowl



Product Code **RB04**  
(4" Round Bowl)



Product Code **RB08**  
(7" Round Bowl)



PRODUCT CODE **SB04**  
(3" SQUARE BOWL)



\*GST @ 12% ON SPOON & FORK, 5% ON OTHER PRODUCTS

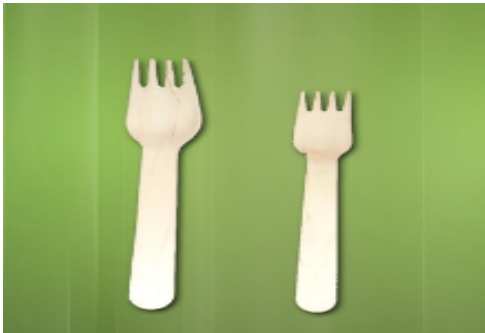


# Spoon & Fork



₹/PC.

PRODUCT CODE **CUT32**  
(SPOON- 16 CM)



₹/PC.

PRODUCT CODE **CUT34**  
(FORK-16 CM)



\*GST @ 12% ON SPOON & FORK, 5% ON OTHER PRODUCTS



# Udgam Estore Collection







# We hope to get your support in GREEN REVOLUTION



Please write to us at [info@udgamsolutions.com](mailto:info@udgamsolutions.com)

For Cleaning, Hygiene, Sanitation and Waste Management consulting

[www.udgamsolutions.com](http://www.udgamsolutions.com)

## CLEAN THE UDGAM WAY

If we do anything, just anything that we did yesterday we are doing it wrong. We strive to change – From classrooms to communities to whole of India with one mission in mind "Our Clean India". Udgam breathes tomorrow understanding the everyday changing needs of our Clients and engineering the right solution to every living practical problem in cleaning. Adopting most modern evaluating techniques with scientific reports  
**Udgam stands second to none.**

Keep clean – Udgam way.



Udgam - Designing the Future of Cleaning



Udgam Solutions Private Limited  
417-418 Tower-1, Assotech Business Cresterra, Plot 22, Sec-135,  
Expressway-Noida -201301, India | Mobile: +91 9312633486

E: [info@udgamsolutions.com](mailto:info@udgamsolutions.com) | [www.udgamsolutions.com](http://www.udgamsolutions.com)



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