



## **PUDUKKOTTAI DISTRICT**

### **PLASTIC FREE PUDUKKOTTAI MISSION:**

The word Plastic is derived from the Greek (Plastikos) meaning capable of being shaped or molded.

Plastics are a range of synthetic or semi-synthetic Polymerization products that can be molded into a permanent object having the property of Plasticity.

Due to their low cost, ease of manufacture, versatility, and imperviousness to water, plastics are used in a multitude of products of different scale.

Plastic pollution is the accumulation of use & throw away plastic products in the environment that adversely affects environment, animals, wildlife, wildlife habitat and humans. Plastics are inexpensive and durable, and as a result levels of plastic production by humans are high. Moreover, the chemical structure of most plastics renders them resistant to many natural processes of degradation and as a result they are slow to degrade. Together, these two factors have led to a high prominence of plastic pollution in the environment.

One of the worst environmental effects is they are non-biodegradable. The decomposition takes about 400 years. No one will live so long to witness the decomposition of plastic. Thus, save the environment for the future generations as well as animals.

Toxic chemical release during manufacture is another significant source of the negative environmental impact of plastics. A whole host of carcinogenic, neurotoxic, and hormone-disruptive chemicals are standard ingredients and waste products of plastic production, and they inevitably find their way into our ecology through water, land, and air pollution.

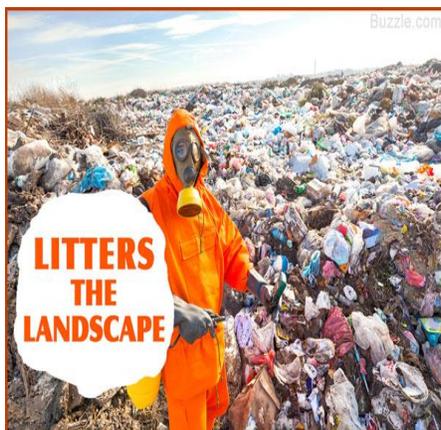


## THREE HARMFUL EFFECTS OF PLASTIC BAGS CAUSING ENVIRONMENTAL POLLUTION:

Buzzle.com



Plastic bags are used by everybody. From a vegetable vendor to a designer store, everyone seems to use them. Even though they are one of the modern conveniences that we seem to be unable to do without, they are responsible for causing pollution, killing wildlife, and using up the precious resources of the Earth. But, most of us are blissfully unaware of the repercussions that are occurring and will take place in the future because of the plastic bags. The manufacture of **plastic**, as well as its destruction by incineration, pollutes air, land and water and exposes workers to toxic chemicals, including carcinogens.



Once they are used, most bags go into landfills. Each year, more and more bags are ending up littering the environment. Once they become litter, plastic bags find their way into our waterways, parks, beaches, and streets. And, if they are burned, they infuse the air with toxic fumes.

About 100,000 animals, such as dolphins, turtles, whales, penguins are killed every year due to these bags. Many animals ingest plastic bags, mistaking them for food, and therefore, die. And worse, the ingested plastic bag remains intact even after the death and decomposition of the animal. Thus, it lies around in the landscape where another victim may ingest it.



Plastics are not only non-biodegradable, but are one of the major pollutants of the sea. For a clean and green environment, try to use alternatives to plastic wherever and wherever possible. Cut down your use of plastic, and do your bit to save our planet.



## **IMPACTS DUE TO IMPROPER DISPOSAL OF USE & THROW AWAY PLASTIC ITEMS ON HUMAN, LAND, AIR & WATER:**

- i) Plastic is Non-Biodegradable. Hence disposal of use & throw away plastic items leads to Environmental damage to the soil, water etc.
- ii) Due to burning of Plastics, it emits large amount of Carbon Monoxide, Dioxin and Hydrogen Cyanide which leads to cause respiratory diseases, Nervous system disorders and immune suppression in Human Beings.
- iii) Plastics in soil can lessen the growth of plants and trees by blocking the absorption of minerals, water and other nutrients and reduces soil fertility too.
- iv) On leaching in water, plastic can easily enter the human food chain and harm human health.
- v) Plastic debris clog the sewage drains and create stagnant water which will be an ideal habitat for mosquitoes and other parasites. Choked drains cause flooding during monsoons.
- vi) Floating garbage is not only polluting our world's oceans and coastlines, but it is posing a serious threat to fish, seabirds, marine reptiles, and marine mammals.
- vii) Many stray animals end up eating plastic carry bags containing waste food items due to improper disposal systems leads to extreme discomfort to the animals and death.

## **HON'BLE CHIEF MINISTER ANNOUNCEMENT:**

In view of the above the Hon'ble Chief Minister has made an announcement on the floor of Assembly on 05/06/2018 that towards achieving the goal of **"PLASTIC FREE TAMILNADU"** through ban on production, storage, usage etc. of one-time use and throw away plastics with effect from 1.1.2019. Accordingly G.O (Ms) No.84 E&F Department, Dated:25.06.2018 was issued for implementation.

## **LIST OF BANNED USE & THROW AWAY PLASTIC ITEMS:**

- i) Plastic sheet / cling film used for food wrapping
- ii) Plastic sheet used for spreading in dining table
- iii) Plastic Thermocol plates
- iv) Plastic coated paper plates
- v) Plastic coated paper cups
- vi) Plastic tea cups
- vii) Plastic tumbler
- viii) Thermocol cups
- ix) Water pouches / packets
- x) Plastic straw
- xi) Plastic carry bag of all sizes & thickness
- xii) Plastic coated carry bags
- xiii) Plastic flags
- xiv) Non woven Polypropylene Bags

## **ALTERNATE TO THE ABOVE BANNED PLASTIC ITEMS:**

- i) Plantain leaves, areca nut leaves
- ii) Aluminium foils
- iii) Paper rolls
- iv) Lotus leaves
- v) Glass / metal tumblers,
- vi) Bamboo, Wooden Products
- vii) Paper straw
- viii) Cloth / Paper / Jute bags
- ix) Paper / Cloth flags
- x) Ceramic wares
- xi) Earthen Cutleries
- xii) Earthen Pots

In continuation to the above the Government has appointed three regional co-ordinators vide G.O.(Ms) No. 82 E&F Dept. Dated: 15.06.2018 for effective implementation of the ban on one time use and throw away plastics irrespective of thickness with effect from 01.01.2019.

## **INITIATIVES TAKEN TO BAN THE USAGE OF USE & THROW AWAY PLASTIC ITEMS:**

In Pudukkottai District the District Collector has sent circular to all the District officers of Pudukkottai District to take necessary steps to ban the use of one time use and throw away plastic items such as Plastic Sheets, Plastic Plates, Plastic Cup/Tumblers, Plastic Straws, Plastic water Pouches/Packets and to declare all the Government offices and Institutions including Schools as Plastic free Zone on or before **15/07/2018** and press release was published in Dinamani and The Hindu on 06.07.2018.



In view of the above the Tamil Nadu Pollution Control Board has banned the usage of one time use and throw away plastic items in their office & displayed a Board and Sticker regarding this at the Entrance of the Office Building.



## தமிழ்நாடு மாசு கட்டுப்பாடு வாரியம்

ஒரு முறை உபயோகித்து தூக்கி எறியக்கூடிய பிளாஸ்டிக் பொருட்களான பிளாஸ்டிக் விரிப்பு, பிளாஸ்டிக் தட்டு, பிளாஸ்டிக் டம்ளர்/கோப்பை, பிளாஸ்டிக் உறிஞ்சி(Straw), பிளாஸ்டிக் பை(Carry Bag), பிளாஸ்டிக் கொழிகள், பிளாஸ்டிக் தண்ணீர் பாக்கெட் ஆகியவை இந்த அலுவலக வளாகத்தில் உபயோகிக்க தடை செய்யப்பட்டுள்ளது.

தடைசெய்யப்பட்டுள்ள பிளாஸ்டிக் பொருட்கள்

 பிளாஸ்டிக் விரிப்புகள் Plastic Sheets	 பிளாஸ்டிக் தூக்கு பைகள் Plastic Carry Bags
 பிளாஸ்டிக் தட்டுகள் Plastic Plates	 பிளாஸ்டிக் தண்ணீர் பாக்கெட்டுகள் Plastic Water Packets
 பிளாஸ்டிக் டம்ளர்/கோப்பை Plastic Tumblers/Bowl	 பிளாஸ்டிக் கொழிகள் Plastic Flags
 பிளாஸ்டிக் உறிஞ்சி குழல்கள் Plastic Straws	

தங்கள் ஒத்துழைப்புக்கு நன்றி.

மாவட்ட சுற்றுச்சூழல் பொறியாளர்,  
தமிழ்நாடு மாசு கட்டுப்பாடு வாரியம்  
புதுக்கோட்டை மாவட்டம்.



## தமிழ்நாடு மாசு கட்டுப்பாடு வாரியம்

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புதுக்கோட்டை.

Similarly all the District officers in Pudukkottai District has banned the usage of one time use and throw away plastic items in their office.