

PLASTIC BACKGROUND

Plastic being an inevitable part of our day to day life which plays very important role in domestic & industrial utility.

It has wide range of applications due to its unique properties. Although plastic got its various advantages it has got some disadvantages too.

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POLLUTION



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PLASTIC BACKGROUND

Basically plastic is a Non Degradable and non perishable.

Annually, between 15 and 30 billion plastic bags are discarded directly into the world's waters and environments.

They break into smaller pieces and more toxic polymers that spread across soils, waters, and bottoms and find their way into aquatic food chains.

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FACTORS AFFECTING ENVIRONMENT

Manufacturing of plastic products consumes significant quantities of resources. (4% of world's annual oil production as feed stock + 3% to 4% in manufacturing).

Littered plastics spoil beauty of the city, choke drains and make important public places filthy.

Risk on human health and environment due to use of toxic chemicals in plastic products.

Animals do feed on it from the garbage bins, leading to illness and possible death of the animals.

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REALITY

Birds, fish, animals, die by eating plastic



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REALITY

Plastic Blocks storm water drains & clogs rivers.



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RUDRA'S APPROCH

After two years of research and trials We Rudra Environmental Solution India Ltd have been successful in getting rid of non-degradable polymer waste by Gasolysis process and generating poly fuel from such plastic waste.

The trials have been successful in Disintegration of all kind of plastic from old plastic waste, bottles, small micron bags even the food pouches & food wrappers, cable covers & old tyres.

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RUDRA PLANT



First Trial Plant of 50 Kg Capacity

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NEW RUDRA PLANT



Actual Plant of 200 Kg Capacity

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ADVANTAGES OF THIS TECHNOLOGY

- ❖ Getting rid of plastic waste,
- ❖ Self sufficiency for fuel consumption (typically for industrial/commercial) fuel requirement.
- ❖ Eco-friendly Process, no harmful gases/effluent produced ,
- ❖ No Pollution from waste treatment.
- ❖ The plant is run on the gas generated from the process

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ADVANTAGES OF THIS TECHNOLOGY

- ❖ Environmental friendly,
- ❖ Attracts Carbon Credits.
- ❖ We have been successful in processing all types of plastic waste.
- ❖ Different size (from 200kg to 2000 Kg) plant which is easy to handle & manage.
- ❖ Employment generation for locals, and waste pickers.

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ACCEPTED PLASTIC WASTE

- ✓ Milk Bags / Oil Bags ,
- ✓ Food Bags
- ✓ Yogurt containers/ Plastic Glasses,
- ✓ Cooking Oil Canisters
- ✓ Laminate Tubes (Tooth paste, Medicines)
- ✓ Carry Bags (all micron thickness)
- ✓ Blister Packing, Bubble wraps

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ACCEPTED PLASTIC WASTE

- ✓ PET bottles (Bisleri, soft drinks, Toilet cleaning material,)
- ✓ Shampoo/ powder bottles / empty sachet
- ✓ Detergent Bags (Surf, Tide,Excel, Nirma etc.)
- ✓ Food Item Bags (Wafer, Kurkure, Farsan, etc.)
wrappers
- ✓ Blister Packing, Bubble wraps
- ✓ Plastic flowers, Buckets

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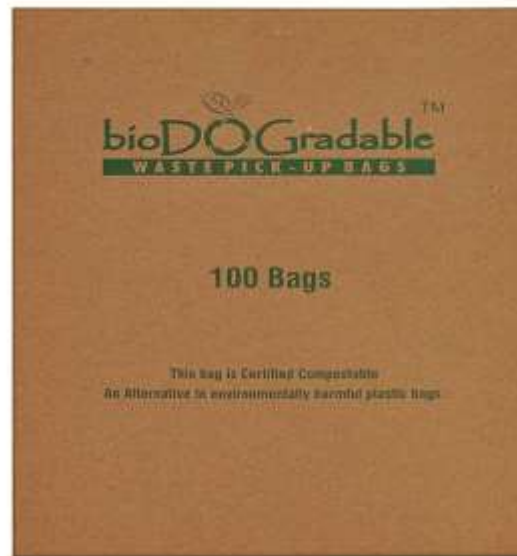
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ALTERNATIVE OF PLASTIC BAGS



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THANK YOU

For Helping
Us Grow



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