

**PROJECT TOPIC:**  
**ECO-FRIENDLY WET WIPES**

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**Abstract**

Many plastic wastes that we produce each year and 11 million of the waste is wet wipes. Wet wipes are one of the Contributors of Microplastic. According to data revealed by The National Ocean Service, Plastic marine debris is the type most commonly found in the sea, but the wet wipes are also the largest contributor in the waters microplastic. Not only lead to a pile of garbage, but the microplastic of wet wipes is also regularly ingested by marine organisms that may ultimately be consumed by humans. 2015 research conducted by the University of California found that most of the fish in the fish market in California and Indonesia contain plastic debris or fibrous. Besides having a difficult waste decomposes, Indonesia has few landfills, waste collection or recycling, so that the waste bins are often thrown into the sea and ultimately become consumed by aquatic creature. In addition to the environmental impact, the use of wet wipes is also considered unsafe and can cause irritation to the skin due to the content of the chemical. wet sponge was more effective than wet wipes.

Approximately 15-25 million tons of orange peel waste every year. To minimize this, we created a wet tissue which is easily recycled using orange peel extract to replace alcoholic substance and parfumes thata are cointained inside regular wet wipes. We replace the regular wet wipes fabric with corn fiber fabric that makes our wet wipes 20x faster to dgrade. With materials that are simple, easy to find, and certainly safer for users because it does not contain alcohol which can damage and cause skin irritation, we create a better wet wipes for consumers and the environment.