

GREEN NEWSLETTER

JUNE 2020 |  NRS
COOL IDEAS | COOL SOLUTIONS

Among the toxic chemicals in alkaline batteries, there are **micro-nutrients, including Zinc**, which help plants produce chlorophyll. **Without chlorophyll, plants won't turn green and healthy, because they can't use sunlight to convert CO2 and water into energy.**

Recycled Batteries Turned Into Vital Fertilizer For Plants

by Luana Steffen June 4, 2020
Source: intelligentliving.co

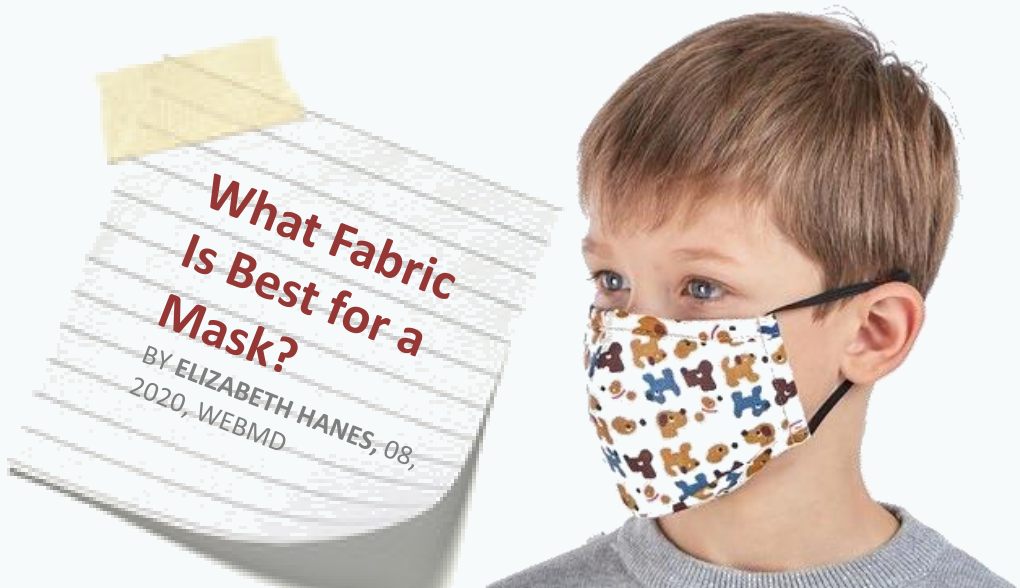


Globally, the disposal of alkaline batteries has become a major problem. Our plan for repurposing the active components of the spent cells is not only a significant step towards worldwide environmental management of the issue but could also have a powerful influence on the sustainability of disposable batteries.

Adrian Griffin, managing director at Lithium Australia

How do they turn
batteries into
FERTILIZER? 

- First, they are crushed,
- then filtration and purification remove toxic elements such as nickel and mercury.
- Trace elements are then turned into products for farming.
- The unused battery remains are sent to hazardous waste treatment plants to be safely disposed of, instead of polluting the soil as they would in a landfill.



Cotton seems to be the fabric of choice for making cloth masks, but a single layer of cotton on its own doesn't fare very well in preventing particles from getting through so be sure to use multiple layers of it.

Mainly, **you should make a face mask made with a fabric that feels comfortable and reasonably breathable** to you so that you will wear it regularly..

Keep in mind the **main purpose of wearing a mask is to catch outgoing particles from infected people before they reach the air**, not to stop viral particles from getting in. Most fabric masks do not fit snugly enough to offer excellent filtration of inbound viral particles, which can be smaller than one micrometer in size.

Because the primary purpose of a face mask is to catch outgoing particles, **you do not necessarily need to include a filter in your mask**. If you do choose to add a filter, considering buying a filter made for face masks, instead of using something like furnace filter material that could contain microscopic particles that would be dangerous to inhale.

The many lifetimes of plastics

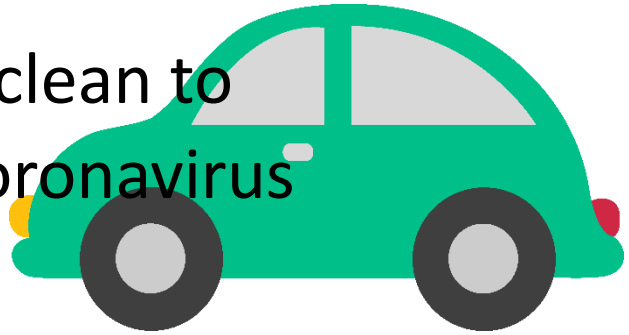
by Evan Lubofsky, Woods Hole Oceanographic Institution



Plastics are everywhere, but one of the most pressing questions is how long plastics last in the environment. The environmental and human health risks associated with something that lasts one year in the environment, versus the same thing that lasts 500 years, are completely different.

Knowing the fate of plastics may be tricky, but it's critical. Consumers need the information to make good, sustainable decisions; scientists need it to understand the fate of plastics in the environment and assess associated health risks; and legislators need it to make well-informed decisions around plastic bans.

Keep your **CAR** clean to reduce risk from coronavirus



The spread of the novel coronavirus, and its associated COVID-19 disease, is made worse because it is highly contagious. Since vehicle interiors are essentially small contained spaces, it is important to take steps to reduce the risk of contracting the virus while driving or riding inside.

When it comes to vehicles, washing your hands thoroughly is one of the most effective ways to prevent transmission of the virus, which is spread from small droplets from the nose or mouth when an infected person coughs, sneezes or exhales.



Boot Lid



Seats



Seatbelts



Petrol Cap



Window Control



Internal Handle Above Door



Door Handle (Internal & External)

NRS practice :

1. Clean commonly touched surfaces that are heavily soiled or dirty before and after operation and before disinfecting; wearing chemical gloves (i.e. nitrile gloves) is highly recommended.
2. Follow cleaning activities with an approved disinfectant.
3. All commonly touched surfaces used to access and control the vehicle should be cleaned and disinfected; common surfaces will include.

The coronavirus can spread quickly inside a contained space such as the interior of a vehicle.