

Plastics and You

Plastics are all around us!



*Performance by design.
Caring by choice.™*



- ENERGY SAVINGS
- FOOD PRESERVATION
- HYGIENE
- HIGHLY RECYCLABLE
- SMART CHOICE

Who is Chevron Phillips Chemical?

Chevron Phillips Chemical is a global leader in the production of olefins and polyolefins. **What's that?**

These are the ingredients that go into making the plastics and thousands of other products that you use every day.

Plastics are important!

Plastics are all around us.



The Power of Plastics (video):

From heart valves to helmets, there isn't a person alive that hasn't benefitted from plastic materials and products.



Plastics can be more sustainable than alternative materials.

Plastics use less material than alternatives and reduce energy use, material consumption and greenhouse gas emissions dramatically.



Did you know?

Just **1kg** of plastic can deliver 38L of liquid, like milk. You'd need 1.3kg of aluminum, 3.6kg of steel, or over 18kg of glass to bring home the same amount.



Plastics protect our food and help prevent food waste.

Food wrapped in plastic lasts longer than unwrapped food, so it also gets more of a chance to be eaten!



BANANA



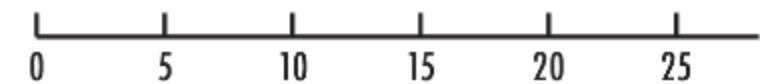
21
DAYS

CUCUMBER



26
DAYS

STEAK



DAYS LONGER THAN UNWRAPPED FOOD

What is Single-Use Plastic?

Plastics used only **once** before they are thrown away or recycled. These items include plastic bags, bandages, straws, coffee stirrers, soda, water bottles and most food packaging.



Single-use plastic products are used in the medical industry to **prevent the spread of infection**



When disposed of properly, single-use plastic products are often less **harsh on the environment** than reusable items



Plastics should not end up in our environment!



- How can we help solve this problem? We hope that one day every piece of single use plastic can be recycled, reused or repurposed.
- We are involved with exciting new technologies and solutions to improve ways to reuse and recycle plastic.



Recycling

- We care, and many companies are doing things to help.
- Recycling is working!



Ocean Debris

- No one wants plastics ending up in the environment, including our oceans. Ever.
- We care about the environment and we are joining a special group to help.

*Across the globe, **355 plastics industry partnerships and projects** are underway, planned, or completed in communities.*

Ocean Debris

- It's important to recycle and reuse plastics as much as we possibly can.
- If we have to throw away plastics, we need to do it the right way.



Alliance to End Plastic Waste

Chevron Phillips Chemical is one of the founding members of a new group of nearly 30 top global companies, the Alliance to End Plastic Waste.

Members of this group include companies who make chemicals that go into plastic or make the plastic themselves, waste management companies, and government and community leaders.

***More than \$1 billion has been pledged, with a goal of investing \$1.5 billion over five years to eliminate unchecked plastic waste in the environment and especially the oceans.**



**WE'VE GOT A PLAN
FOR THE PLANET.**



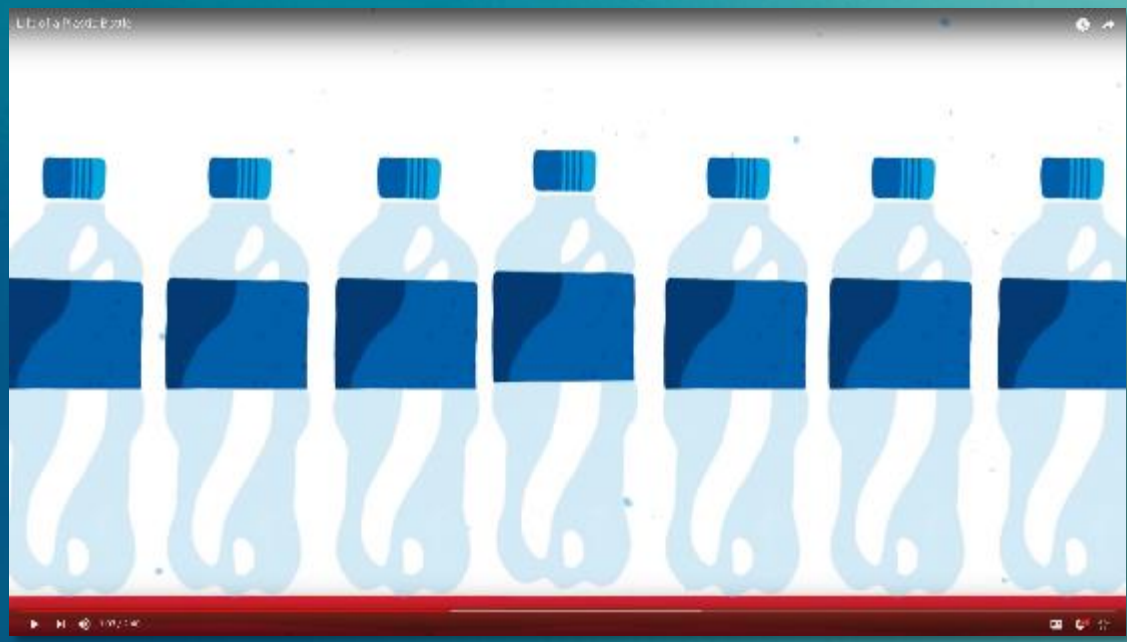
**ALLIANCE TO
END PLASTIC WASTE**

What can YOU do?

- **TELL** others about the value of plastic and encourage them to learn more!
- **HELP** others understand the importance of recycling.
- **SHARE** the good news of the how companies are helping to reduce plastic in our oceans.



Life of a Plastic Bottle - video



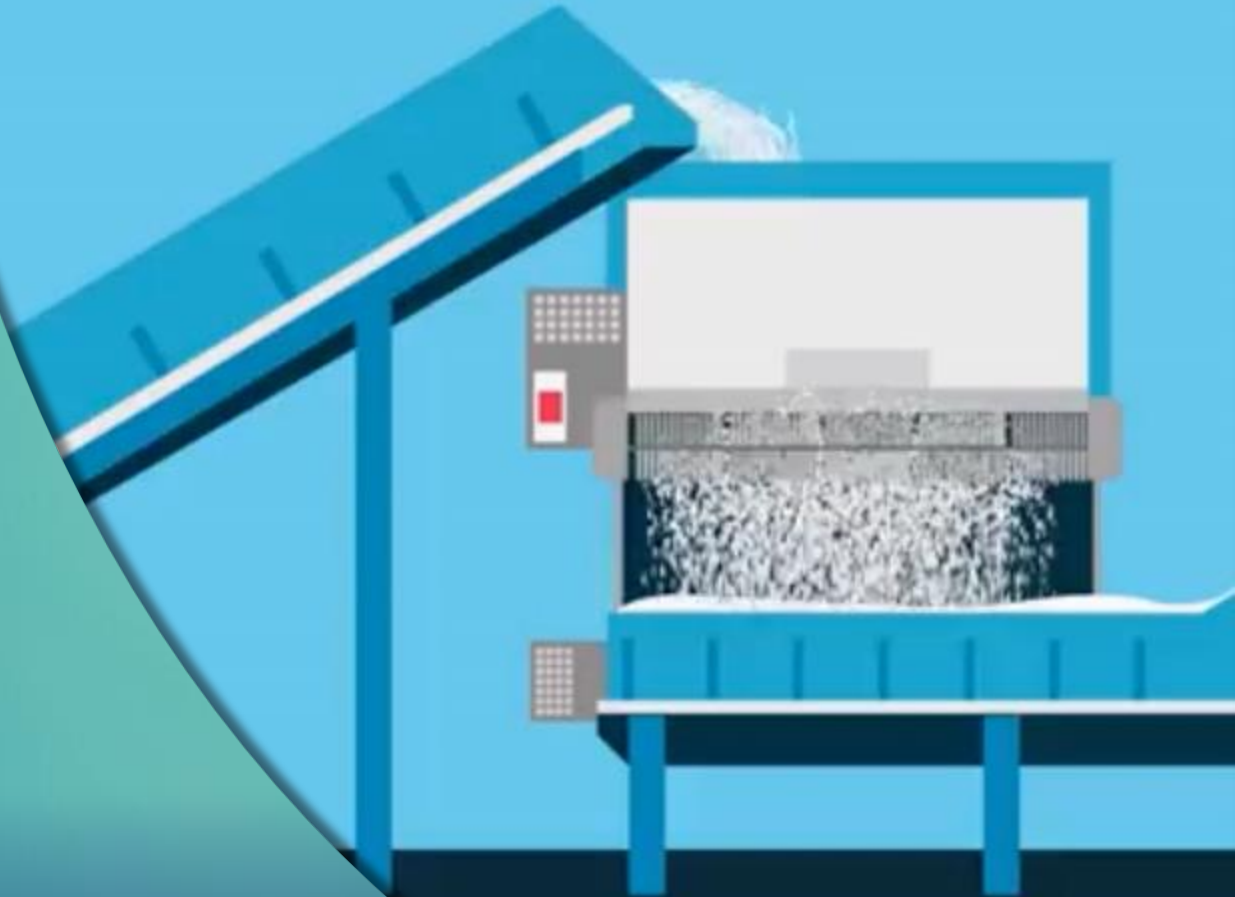
Rethink Plastic Packaging - video

Plastic packaging is a key component in reducing food waste.



Recycling 101 - video

The life of a plastic carton, bottle or package doesn't end when it's tossed into a recycling bin. It begins again.



Sid the Science Kid Importance of recycling

