

## Polyethylene Terephthalate (PET or PETE or Polyester)

- PET is also known as a wrinkle-free fiber.
- Polyester is made by **reacting terephthalic acid, a petroleum derivative, with ethylene glycol, another petroleum derivative.**



- PET contains antimony trioxide—a matter that is considered as a carcinogen—capable of causing cancer in a living tissue.
- The size of bottles made by PET range from very small bottles to large carboys.

### Uses

- PET is mostly used for food and drink packaging purposes due to its strong ability to prevent oxygen from getting in and spoiling the product inside.
- It also helps to keep the carbon dioxide in carbonated drinks from getting out.

### Methods to recycle/reuse PET

- Reuse Soda Bottles by Creating a Vertical Garden.



- Reuse Plastic Bottles to Make a DIY Sprinkler.



- Recycle Empty 2-Liter Bottles Into DIY Water Filters.
- Upcycle Laundry Detergent Bottles Into a Watering Can.

