

A stack of white disposable cups, arranged in a pyramid shape with one cup at the top, two in the second row, three in the third row, and four in the bottom row. The cups are centered against a dark, gradient background. The text is overlaid on the middle of the stack.

Single Use Cups

A Story of Environmental Waste

What is Styrofoam?

- Polystyrene, a petroleum derived thermoplastic
 - Benzene
 - Styrene
 - Ethylene
 - Blowing Agents
 - CFCs (Chlorofluorocarbons)

To make one eight ounce cup it takes the equivalent of 55kwh and a half-quart of water



Lifecycle of Styrofoam

- Styrofoam is NON-Biodegradable
- Chemical components will continue to clog ecosystems even after the Styrofoam dissolves (over 500 years)
- Styrofoam constitutes over 25% of all landfill waste
- Styrofoam is a COAL and OIL sourced product



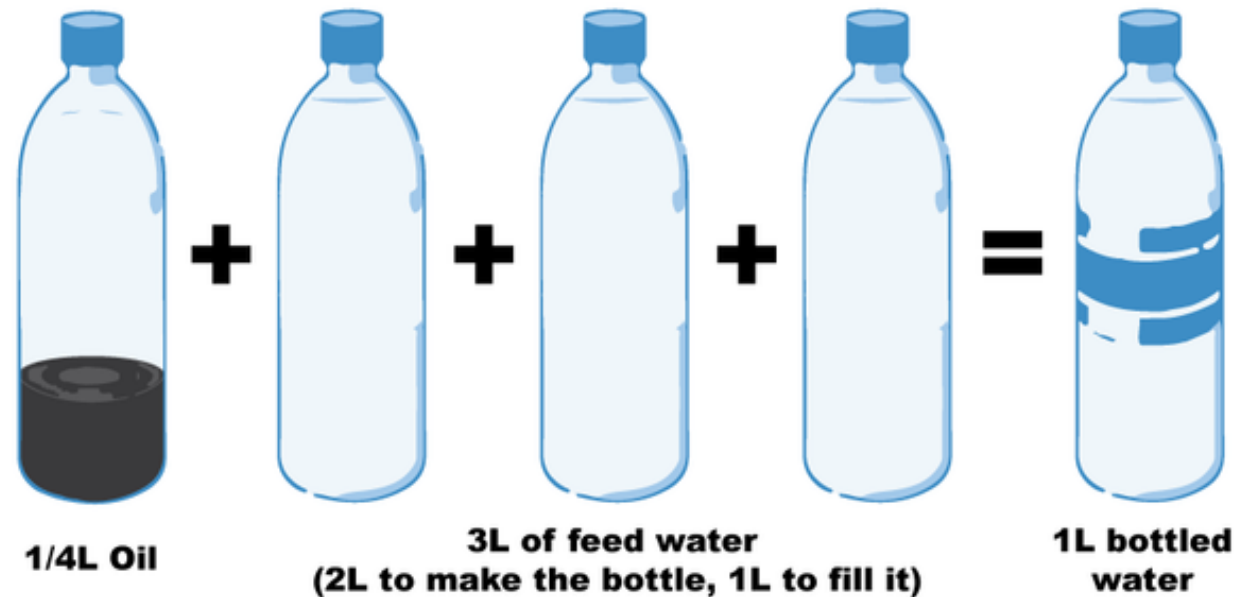
Are Paper Cups Any Better?

- **No. Not Really.**
- Paper cups cause deforestation
- Producing paper cups requires more resources than to make a Styrofoam cup
 - Releases 1.5 the GHGs, uses nearly 3 times the energy, and requires more water



What about Plastic Bottles?

- Made from crude oil and natural gas
- Processing emits greenhouse gases and toxins



Each Year...

- 25 BILLION disposable Styrofoam cups are used and thrown away
- Over 14 BILLION paper cups end up in a landfill
- America demands 17 MILLION barrels of oil be used to make plastic bottles per year



