DO IT YOURSELF (DIY)
GREEN CLEANING RECIPES
Safe Alternatives for Household Products

**All-Purpose Cleaner**
- 1/2 cup white vinegar
- 1 quart water

Add to a glass spray bottle. Not recommended for wood or leather surfaces.

**Drain Opener**
- 1/2 cup baking soda
- 1/2 cup white vinegar
- Boiling water

Pour 1/2 cup baking soda followed by 1/2 cup vinegar down the drain. Cover and let sit for 5 minutes. Pour boiling water down the drain to flush.

**Fabric Softener**
- 1/2 cup white vinegar

Add 1/2 cup white vinegar to the fabric softener dispenser of your washing machine.

**Glass Cleaner**
- 1/4 cup white vinegar
- 1/2 gallon water
- 1/8 teaspoon biodegradable liquid soap

Add to a glass spray bottle and shake before each use.

**Laundry Detergent (HE-Compatible)**
- 1 bar of grated soap (Ivory, Fels Naptha, or Zote soap are recommended)
- 1 cup washing soda
- 1 5-gallon bucket with lid
- 1 cup oxygen-based cleaner (optional)
- Warm water

On a stovetop on medium heat, combine 4 cups of water and grated soap. Heat until all soap is dissolved. Pour the soap mixture and washing soda into the bucket. Fill up the bucket with warm water and stir until all is dissolved. Use 1/2 cup for a large load. This recipe makes 5 gallons (160 loads).

**DISCLAIMER**: Individual results may vary. It is advisable to test these recipes on a small spot of the area before using.

Have questions or need more information? Visit longbeach.gov/lbrecycles or call 562-570-2876.