As we continue with the COVID-19 experience we will certainly begin to see shortages of supplies at the terminals and in our homes. Here are some things we can do to get creative while we wait for the supply chain to catch up with the increased demand.

**Making Spray Cleaner**

*Note:*

Make in a clean space.

Wash your hands thoroughly before making.

- To mix, use a clean spoon. Wash these items thoroughly before using them.
- Mix all the ingredients thoroughly until they are well blended.

**You will need:**

1 – 32 oz Spray Bottle (any size will do just adjust ratio to 1-part bleach to 10-parts water)
1 – Pure Bleach (Be sure to adjust if concentrate)
1 – Water (Preferably Distilled)

**Instructions:**

1. Pour 3 ounces of bleach into the spray bottle.
2. Add 28 ounces of water.

**Making disinfecting wipes**

*Note:*

Make in a clean space. Wipe down counter tops with a diluted bleach solution beforehand.

- Wash your hands thoroughly before making.
- Do not touch the mixture with your hands.

**You will need:**

1 - Roll of paper towels
1 - Cutting board
1 – Sharp Knife (Long enough to cut the roll)
3 - Cups of disinfectant of choice (be sure to use a 1:10 solution for bleach)
1 – Empty container of wipes (be sure compatible with your cleaning agent or rinse thoroughly in advance)

Instructions:
1. Lay roll of paper towels on cutting board and cut in two halves.
2. Pour half of the cleaning agent into the container.
3. Put one of the halves into the container and save the other for the next batch.
   a. If it won’t fit - continue with next steps in a larger container and stuff into used wipes container after step 5.
4. Pour the remaining cleaning agent into the container soaking the paper towels.
5. Close lid and shake vigorously.
6. Open container and remove cardboard roll (if moist it should extract easily)
7. Use like normal roll of wipes.

Making Hand Sanitizer

Note:
Make the hand sanitizer in a clean space. Wipe down counter tops with a diluted bleach solution beforehand.

- Wash your hands thoroughly before making the hand sanitizer.
- To mix, use a clean spoon and whisk. Wash these items thoroughly before using them.
- Make sure the alcohol used for the hand sanitizer is not diluted.
- Mix all the ingredients thoroughly until they are well blended.
- Do not touch the mixture with your hands until it is ready for use.

You will need:
1 – Container
3/4 cup of isopropyl or rubbing alcohol (91-99 percent)
1/4 cup of aloe vera gel (to help keep your hands smooth and to counteract the harshness of alcohol)
10 drops of essential oil, such as lavender oil, or you can use lemon juice instead

Instructions:
1. Pour all ingredients into a bowl, ideally one with a pouring spout like a glass measuring container.
2. Mix with a spoon and then beat with a whisk to turn the sanitizer into a gel.
3. Pour the ingredients into an empty bottle for easy use, and label it “hand sanitizer.”