

## **DIY RECIPE AND FORMULATION FOR MAKING 10 LITERS OF GLASS CLEANER**

### **Ingredients:**

- 8 liters of distilled water
- 1 litre of white vinegar
- 500 ml of rubbing alcohol (isopropyl alcohol)
- 300 ml of liquid dish soap (choose a mild, non-abrasive variety)
- Optional: A few drops of essential oil for fragrance (such as lemon or lavender)

### **Safety Precautions:**

- Prepare in a well-ventilated place.
- Wear protective gear like gloves and safety goggles.
- Avoid direct contact with chemicals.
- Properly label all chemicals

### **Instructions:**

1. Begin by pouring the distilled water into a clean and empty container that can hold at least 10 liters.
2. Slowly add the white vinegar to the water. Vinegar is effective at cutting through grease and grime on glass surfaces.
3. Next, carefully pour in the rubbing alcohol. Rubbing alcohol helps to disinfect and evaporates quickly, leaving a streak-free finish on glass surfaces.
4. Add the liquid dish soap to the mixture. The dish soap will help to break down dirt and oil on the glass surfaces.
5. If desired, add a few drops of your chosen essential oil for fragrance. Essential oils can add a pleasant scent to the cleaner and may also have additional cleaning properties.
6. Once all the ingredients are in the container, gently mix them together. Avoid shaking vigorously to prevent excessive foaming.
7. Transfer the glass cleaner into smaller spray bottles or containers for easy use.
8. Label the containers with the contents and date of preparation.
9. To use, spray the cleaner onto the glass surface and wipe clean with a lint-free cloth or paper towel.

This homemade glass cleaner is effective, economical, and environmentally friendly compared to many commercial cleaners. However, always test it on a small, inconspicuous area of the glass surface before use, especially if you're concerned about compatibility with certain materials or finishes.

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Ready to formulate your own, contact us to purchase the ingredients.

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