



## Customized Rinse Free Cleansing Hand Wash Recipe



Our 62% Alcohol-Based Hand Rub Gel Base is unscented, crystal clear and evaporates in seconds when applied to the hands.

### **Why Alcohol and does it work?**

The active ingredient in hand sanitizer (usually alcohol) disrupts the coating of virus and bacteria particles, breaks down the germs' cell wall and causes them to die.

### **Do alcohol based hand rubs lead to resistant bacteria?**

Laboratory testing has never shown alcohol-based hand rubs lead to bacteria resistance or that organisms adapt and become immune to them.

Our Hand Rub Gel Base kills 99.99% of many common germs and bacteria in as little as 15 seconds while a special blend of moisturizers condition skin to keep hands soft and smooth, even with frequent use. Glycerin also helps moisturize and counteract the drying effects of alcohol.

The Aloe Vera present is a natural soothing and healing agent.

Also included in the gel are Pro Vitamin B-5 and Vitamin E, both of which contribute to healthy looking and great feeling skin.

Use unscented (as-is) or add [Fragrance Oils](#) or [Essential Oils](#) at a ratio of .5 - 3%.

If cloudiness occurs, let it sit for 24 hours and the base should clear. A gentle mix should result in a crystal clear product. A faster mix will introduce air bubbles into the base and will result in a bubbly effect. Add color by using our [liquid colorants](#). The base is a cold mix base, so no heating is necessary. It doesn't get any easier!

## **INFORMATION**

- Difficulty: Beginner
- Yield: 16 oz

## **TIMING**

- Prep Time / Clean Up: 15 Minutes
- Perform Time: 30 Minutes
- Total Time: 45 Minutes

## SUPPLIES

- Isopropyl Alcohol
- Paper Towels
- [Pipette](#) (for fragrance oil)
- Utility Knife (for cutting open the Hand Rub Gel Base)
- Spatula
- [Funnel Pitcher](#) or Glass Measuring Cups
- Funnel
- Wire Whisk
- [Scale](#)

Bottles of your Choice, such as:

- [.50 oz LDPE Natural Lotion Mini](#)
- [1 oz Natural Malibu Bottle](#)
- [4 oz Natural Malibu Bottle](#)
- [8 oz Clear Boston Round](#)
- [24/410 White Twist-Lock Pump, 6 5/8"](#)



## INGREDIENTS

- 16 oz / 455 g [62% Alcohol-Based Cleansing Hand Rub](#)
- [Essential Oil](#) or [Fragrance Oil](#) of Your Choice
- [Water Soluble Liquid Colorant](#) (optional)



## DIRECTIONS

### Step 1

Using isopropyl alcohol, sanitize all supplies that will come in contact with the Hand Rub Gel Base.

### Step 2

Add Hand Sanitizer Gel Base to funnel pitcher or glass measuring cup.



To get every bit out of the container, carefully cut it in half with a utility knife, always cutting away from your body.



Add remaining gel base to pitcher.



### Step 3

Add 0.25-0.5% Essential Oil or Fragrance Oil. We prefer Essential Oils because of their natural antibacterial and antifungal properties. For this project we used 1% (0.16 oz / 5 g) of [Lavender 40/42 Essential Oil](#). Always test Essential Oils and Fragrances in a small amount of base, as some fragrances cause the base to thin. Also check that the amount you are going to use is skin safe.



### Step 4

Mix thoroughly.



### Step 5

Using a funnel or funnel pitcher, fill your choice of container. If using the lotion mini container, a pipette can be used to fill it, as the opening is rather small.



It's that easy and ready to use! Enjoy!