

Fresh Hand Sanitizer Gel FRS

Name: Formulator

Date: 01/09/2024

Batch Number: FHSG-B1

Ingredients Callout

Item	Ounces (Oz)	Grams (g)	Fluid Ounces (FOz)	Milliliters (mL)	Drops (dps)	Completed
Isopropyl Alcohol	45.06	1277.50	59.17	1750.00	35000.00	<input type="checkbox"/>
Distilled Water	22.93	650.00	21.98	650.00	13000.00	<input type="checkbox"/>
Glycerine	3.28	93.00	2.54	75.00	1500.00	<input type="checkbox"/>
Fresh Scent	0.39	11.13	0.42	12.50	250.00	<input type="checkbox"/>
Carbomer 940	0.44	12.50	2.48	73.35	1467.00	<input type="checkbox"/>
TEA	0.04	1.25	0.04	1.25	25.00	<input type="checkbox"/>
Total	72.14	2045.17	86.63	2562.10	51242.00	<input type="checkbox"/>

Acknowledgement of Completion

Signature: _____

Instructions

Required Materials

Items

- 1 Scale
- 1 Glass Pipet
- 1 Plastic Pipet
- 1 Handheld Blender
- 1 Rubber Spatula
- Measuring Cups
- 1 Plastic Syringe

Items

- 1 4000 mL Beaker
- 1 1000 mL Beaker
- 1 500 mL Beaker
- 1 200 mL Beaker
- 1 50 mL Beaker
- PPE
- Cleaning Materials

Steps for Creation

1. Always begin by washing and sanitizing hands. Then proceed to sanitize all material with rubbing alcohol and paper towels.
2. Measure out correct amount of 99.9% Isopropyl Alcohol and insert into 4000 mL beaker. Place the handheld blender inside the solution of Isopropyl Alcohol.
3. Measure out the correct amount of Carbomer 940 and insert the Carbomer slowly into the solution while the handheld blender is running. It is very important that the Carbomer does not stick to the blender and that it blends fully in the Alcohol.
4. After the Carbomer has blended completely with the Alcohol, measure out the correct amount of distilled Water and insert it into the solutions while the handheld blender is running.
5. Once the Water has blended with the solution, measure out the correct amount of glycerine and insert it into the solution with the handheld blender running.
6. Once the glycerine has blended with the solution, measure out the correct amount of Fresh scent with a plastic pipet and insert it into the solution while the handheld blender is running.
7. Once the scent has mixed, use the glass dropper for the Triethanolamine and drop the correct number of drops into the solution while the blender is running. Make sure to move the blender throughout the solution so that the Triethanolamine can be mixed to its entirety. Once the solution is homogeneous the gel is ready to be stored or bottled.

Comments

This is a test demonstration of how one would make the Fresh Hand Sanitizer Gel for Mesa Lavender Farms.