



**S.A.S. GOVERNMENT DEGREE COLLEGE**  
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## **BEST PRACTICES BY DEPARTMENT OF CHEMISTRY**

### **TITLE OF THE PRACTICE**

### **1. PREPARATION OF SANITIZER , DISTRIBUTION OF SANITIZER & MASKS**



**Report on Activity**

The new coronavirus continues to have a major influence on the world. In order to reduce the spread of COVID-19, social separation and the usage of face masks and hand sanitizers (SMS) have become important security measures.

### **Sanitiser:**

When soap and water are not available, use hand sanitizer.

In most cases, the easiest technique to get rid of germs is to wash your hands with soap and water. You can use an alcohol-based hand sanitizer that has at least 60% alcohol if soap and water are not easily accessible. By reading the label, you may determine whether the sanitizer has at least 60% alcohol in it. In certain circumstances, hand sanitizers may rapidly lower the amount of germs on hands. Sanitizers do not, however, completely eradicate all bacteria.

- When hands are obviously oily or unclean, hand sanitizers may not work as well.
- Hand sanitizers may not be able to get rid of dangerous substances like pesticides and heavy metals from hands.

### **Applying Hand Sanitizer:**

- Apply the gel on hands
- Rub your hands together.
- Rub the gel over all the surfaces of your hands and fingers until your hands are dry. This should take around 20 seconds.

### **Objective of the practice:**

- To create awareness about the recent pandemic (Covid-19) which has taken place and how it has effected the lives of every citizen.
- In light of this it was important to inform the people that how important it is to take proper precautionary measures and not just for any particular section of people like senior citizens or children
- For example, but for every section of society irrespective of their age or health
- To create awareness and educate people about the current pandemic and the duties of the citizens which they have to abide by to ensure their safety, security and how it is important for them and the society at large

## **THE CONTEXT**

### **Preliminary Preparation**

Before conducting the event, the following preparations were made-

- Making notes and collecting data for preparation of Sanitiser
- Collecting masks and hand sanitizers for distributing.

## **THE CONTEXT:**

### **Initial Setting Up**

The following arrangements were taken before the event:

- Taking notes and gathering information for the Sanitizer preparation
- Gathering supplies of hand sanitizers and masks to distribute.

## **THE PROCEDURE:**

The aforementioned event was held in an area where a large number of the poor and members of disadvantaged social groups reside. People from all walks of life were the target audience. For these people, the location serves as a place of residence in that it brings together individuals from many social classes, mostly the impoverished segments of society. They share a residence where they coexist. Visitors come here to provide and distribute anything from four to ten various items for the benefit of these folks.

It would be ideal to conduct the campaign here since majority of the people living there belong from disadvantaged sections of the society

The campaign would be best carried out here since the most of the residents are from underprivileged social groups and, more significantly, are illiterate and ignorant of their rights and responsibilities as well as the state of affairs.

## **EVIDENCE OF SUCCESS:**

The audience's response was overwhelmingly supportive and upbeat. They expressed gratitude for the items that were given to them and expressed satisfaction with the information that was provided. They were greatly benefited by this awareness push even if they were first ignorant of this.

## chemicals used and procedure

- Measure the alcohol (83.3 ml of ethanol or 75.2 ml of isopropyl alcohol) using a measuring jug or cylinder.
- Cover (to avoid evaporation) and set aside.
- Measure 20 ml of sterile distilled water or boiled cold water using a measuring jug or cylinder. Set aside until needed.
- Measure 4 ml of glycerine using a measuring cylinder or micropipette and then pour it into the beaker or container



Students preparing sanitiser in the laboratory





Sanitiser is ready to use and distribution



## Suggestions/Feedback

If more volunteers participated, the goal would be better served and accomplished since it would get more support and quickly reach a larger audience. It would also be preferable to work with an NGO beforehand, as this would expand the target audience by a factor of ten and better fulfill the social message's intended purpose.

## RESOURCES REQUIRED AND PROBLEMS FACED

This campaign's execution was an incredible experience. I had the opportunity to inform individuals about this and provide them with everything they would need to survive. Additionally, this is advantageous for both the target audience and for the community