Orientation Outline

Chlorine Disinfection

LENGTH: 1.5 hours

1. ORIENTATION DESCRIPTION
This orientation package focuses on general information related to preparing and using chlorine as disinfectant. The orientation package, build up at the context of COVID-19 pandemic situation, to mitigate the transmission of the disease through contaminated surfaces.

Respiratory droplets are generated when an infected person coughs or sneezes. Thus, acquired droplets may land on different surfaces where the virus could remain viable. Moreover, the virus can also be transmitted to the surface through contaminated hands. Thus, the immediate environment of an infected individual can serve as a source of transmission. Therefore, it is critical that environmental surfaces, especially in settings like isolation and quarantine where the COVID-19 infected or suspected person are being cared for; need to be cleaned and disinfected properly to minimize the transmission from contaminated surfaces.

In the orientation, preparing chlorine solution using bleaching powder is presented along with diluting the solution as per requirement. It also include the process, techniques and frequency for cleaning and disinfecting the surfaces.

2. OBJECTIVES
Upon completion of the orientation, participants will be able to:
- Prepare a chlorine solution from bleaching powder
- Explain how to use chlorine solution as surface disinfectant
3. PARTICIPANTS
The orientation is targeted towards WASH professionals such as field officers and project coordinators who are directly engaged with frontline workers.

4. METHODS OF INSTRUCTION
This is online based orientation and it is targeted to deliver through the use of various online applications such as zoom, miro, teams, etc. This orientation includes different activities like polling, small group discussion, question and answer, virtual demonstration and videos, making the orientation engaging, interactive and participatory rather than one way delivery.

5. CONTENT
Following is a list of the main topics to be covered in the Workshop.

- Difference between cleaning and disinfection
- Importance of disinfection
- Different options for disinfection
- Chlorine-based disinfectant
- Things to consider while preparing chlorine disinfectant
- Demonstration for preparing 1 % chlorine solution
- Diluting the chlorine solution
- Requirement for Disinfecting
- Cleaning and disinfection techniques
- Frequency of cleaning and disinfection
- Call for Action

For Further Detail
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