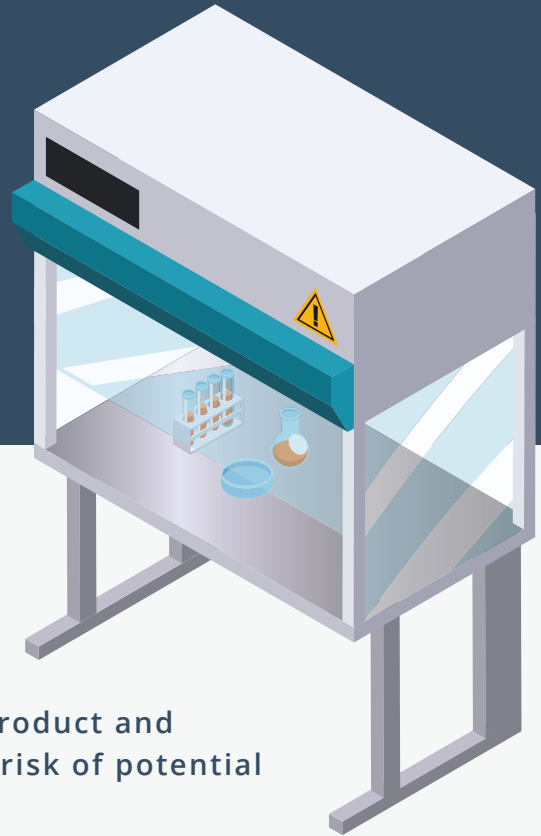


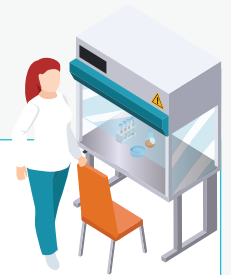
Proper Use Of A Biosafety Cabinet (BSC).



The BSC protects the personnel, product, and the environment by using directional airflow and high-efficiency particulate air (HEPA) filtration.

Poor techniques by the BSC user can result in product and environmental contamination and increase the risk of potential biohazardous exposure to personnel.

The following is a list of safe practices for proper BSC use:



● ● ● BEFORE WORK SESSION:

01. Verify that the BSC certification date is within twelve (12) months before every use.
02. Turn off the UV light, if present.
03. If the blower is off, allow the BSC to purge for at least 5 minutes before proceeding with work activities.
04. Verify BSC airflow by using the digital airflow readout or the Magnehelic gauge.
05. Ensure that the sash is at the appropriate height for personnel protection.
06. Decontaminate all five (5) surfaces of the BSC before use with a chemical disinfectant for appropriate contact time. If using a corrosive disinfectant, rinse the BSC with either sterile water or 70% ethanol to remove the corrosive residue.
07. Set up the workflow across the work surface from the clean to the dirty area.
08. Disinfect items before placing them in the BSC to minimize the source of contamination.
09. Place waste containers with disinfectant inside the BSC for waste decontamination.
10. Place a labeled bottle of active disinfectant within the BSC before work. If necessary, place absorbent material on the work area.
11. Adjust the seat height and use proper sitting posture before placing arms inside the cabinet.



● ● ● DURING WORK SESSION:

01. In the event of a BSC alarm, do not silence the alarm. Attempt to troubleshoot or contact supervisor before proceeding with work activities in the BSC.
02. Ensure that the front and back grills of the BSC are clear of items, paper, or waste.
03. Place only items needed for work inside the BSC to minimize risks of cross-contamination and spills.
04. Set up the workflow across the work surface from the clean to the dirty area.
05. Minimize rapid movements while working inside the BSC to prevent airflow disruption and cross-contamination of products.



● ● ● AT THE END OF A WORK SESSION:

01. Remove all items from the BSC. Decontaminate items before removal by either spraying with disinfectant or wiping down with a paper towel damp with disinfectant. Secure waste containers before removal.
02. Decontaminate the five (5) interior BSC surfaces using an appropriate disinfectant.
03. At least once a month and after a spill, remove the work surface tray and clean and decontaminate the area underneath the tray.
04. Do not use UV lights as a primary means of decontaminating the BSC.



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