



PHARMA DEVILS

MICROBIOLOGY DEPARTMENT

STANDARD OPERATING PROCEDURE

Title: Handling of Spillage in Microbiology Laboratory

SOP No.:		Department:	Microbiology
		Effective Date:	
Revision No.:	00	Revision Date:	
Supersede Revision No.:	Nil	Page No.:	1 of 2

1.0 OBJECTIVE

To lay down procedure for handling of spillage in microbiology laboratory.

2.0 SCOPE

This SOP is applicable for spillage in microbiology laboratory.

3.0 RESPONSIBILITY

Prepared by - Executive Microbiology

Checked by - Assistant Manager Microbiology / QC

Approved by - Head QA, QC

4.0 PROCEDURE

4.1 Use 70% filtered IPA solution or any other approved disinfectant solution to disinfect the spillage.

4.2 Wear hand gloves and spray / pour the disinfectant solution on the spilled medium / spilled culture for 20 minutes.

4.3 If glassware is broken, pick up the broken glassware pieces. Soak the broken glassware pieces in disinfectant solution overnight. Transfer the broken glassware pieces to the plastic container meant for collection of broken glassware's.

4.4 Swab the area of spillage to remove traces of medium / microbial cultures using sterile non-shedding dusters soaked in disinfectant solution.

4.5 Wipe and clean the area of spillage with a sterile non-shedding mop soaked in disinfectant solution.

4.6 In case an aerosol has been created during spillage, fogging the area on same day.

4.7 In case of spillage of medium / microbial culture on laminar airflow bench, clean with a sterile non-shedding mops soaked in disinfectant solution.

4.8 Switch on the ultra violet light (UV) for one hour before start of any activity in laminar airflow bench.

5.0 SAFETY & PRECAUTIONS

Wear disposable hand gloves and nose masks while handling with microbial culture spillage.

6.0 REVISION HISTORY

Revision No.	Reason for Revision	Superseded from & date
00	First Issue	-----



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7.0 REFERENCES

Not applicable.

8.0 ABBREVIATIONS

SOP : Standard Operating Procedure

% : Percentage

IPA : Isopropyl alcohol

9.0 ANNEXURES

Not applicable