



# STANDARD OPERATING PROCEDURE

## Data Quality Task Force

Issued: XX.YY.ZZ

First Edition: This replaces all previous editions

### **TITLE: Handling of Hazardous Materials, Including Pesticides**

#### INTRODUCTION:

Pesticides are handled as part of ongoing studies in the facility. Employees handling pesticides should follow instructions outlined in this SOP.

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## INSTRUCTIONS

- 1 Protective equipment is to be worn during handling of pesticides, as described in the relevant material safety data sheets (MSDS), WHO manuals and national health and safety regulations. Laboratory coats should be colour co-ordinated, in order to avoid cross-contamination with mosquito cultures.
- 2 The designated protective clothing should be washed separately from other clothing or mosquito cages to avoid cross-contamination.
- 3 Where pesticide solutions are to be made up inside the facility, areas should be designated for this purpose.
- 4 Before making any pesticide solutions staff must ensure that they have read the relevant MSDS.
- 5 In the event that there is no safety information for a product, it is assumed that it is highly toxic and maximum precautions should be taken. These include laboratory coat, gloves, goggles, respirator and the use of a fume cupboard when using the product or any solutions thereof.
- 6 All safety equipment, including respirators should be checked every 6 months, to ensure that they are not damaged and are in good working order. Respirator filters should be changed every 6 months. Maintenance details of the safety equipment should be kept in a safety equipment log book. The safety equipment log book should be kept in a secure location of the facility (e.g. a locked cupboard or cabinet)
- 7 When not in use, pesticides must be stored in the allocated storage space within the chemical store room of the facility, mainly in a locked pesticide cabinets or in a fridge/freezer, depending on their storage requirements.
- 8 Waste pesticides must be disposed of as indicated in SOP/XXX/01.