

TECHNICAL NOTE

DECONTAMINATION AND CLEANING WHITLEY HYPOXYSTATIONS

INTRODUCTION

DWS recommend that as part of the daily checks users should ensure that the workstation is free from any spillages. Cleaning should be carried out as necessary. Prior to servicing, it is essential for the workstation to be decontaminated.

This Technical Note describes the procedure for cleaning and decontamination, and details the course of action should any spillage not be contained on the workstation base tray.

CLEANING AND DECONTAMINATION

The transparent and/or white acrylic on the inside and outside of the Whitley Workstation System may be swabbed with a 1% solution of Labdet 100 (DWS) in warm water and dried afterwards with a soft clean cloth. In the case of culture media spillages, a chlorine based disinfectant prepared at the manufacturers recommended concentration should be used. Typically there should be 2000 to 2500 ppm of available chlorine. This should be applied to the spillage and left for 30 minutes. It should then be mopped up and the surface swabbed with 1% Sodium Thiosulphate solution. As an alternative "VIRKON" can be used as a decontaminant at a 1% (w/v) concentration. VIRKON should not be left inside the workstation in an open container - for more information see Technical Note MA25.

If hypochlorite solution is being used inside the workstation it is advisable to remove the Anotox and Catalyst sachets (if being used).

Trigene, Tristel Fuse and Barrycidal are all sporocidal, bacteriacidal, virucidal and fungicidal and can be used for thorough decontamination of the Workstation. The use of these compounds has been tested by prolonged exposure to acrylic at typical operational temperatures and no adverse reactions were observed.

Never use any solvent on the acrylic surfaces of the workstation. Use only water and a mild detergent solution (i.e. Labdet 100 1% solution) as a cleaning agent.



Ensure the condensate collection trough is decontaminated by manually running the condensate pump to drain the trough, then fill the trough with 10 mls of Trigene and manually run the condensate pump again to drain off the Trigene.

If the Hypoxystation has a removable front then this may be removed to make it easier to thoroughly clean and decontaminate the workstation.

Scratches on the Acrylic Plastic

Scratches may be removed by gently polishing the surface with 'DURAGLIT WADDING' followed by wiping with a soft clean cloth.

Deep scratches may require the use of Wet and Dry abrasive paper used wet, followed by polishing with 'DURAGLIT' - seek advice from Don Whitley Scientific Limited or our authorised agents overseas.

