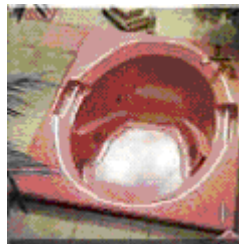
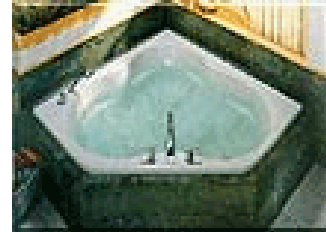
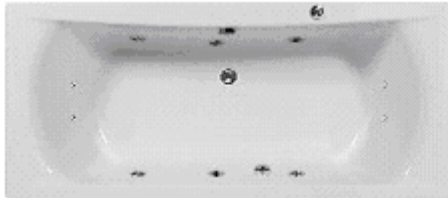


SafeSol³ The Treatment of Spa/Whirlpool Baths

ISSUED
January 2008



Spa/Whirlpool baths are designed for one or two users and are intended to be filled and emptied after each use. Some typical baths are shown below. These baths will typically contain up to 100 litres of water as a maximum.



They are usually fitted with a few jets which can be angled in use and removed for cleaning. In addition there is usually an air track in the floor of the bath powered by an air blower or alternatively air may be introduced to the water jets by a Venturi effect. The pipes and pumps associated with the water and air circulation system can become colonised and infections particularly due to *Pseudomonas aeruginosa* have resulted from their use.

It is assumed that your bath is well designed, is constructed with WRAS approved materials, and is completely self draining.

Bathers should not switch on the jets when there is soapy water in the bath. If the bath is used in a beauty treatment application mud or seaweed should be removed before getting into the bath. These simple precautions can prevent the development of biofilm in the pipes supplying water to the jets.

SafeSol³ is the ideal product for cleaning your bath and ensuring that the water and its distribution system are maintained in a healthy condition.

The following procedure will use 100ml of **SafeSol³**. This should be measured into a plastic container and a cloth wetted with the product. Pour a small quantity from the container into the empty bath and use this to dampen the cloth.

1. Cleaning the Surfaces

When the spa/bath is empty the surfaces should be cleaned by wiping them with the cloth wetted with the product. **SafeSol³** is ideal for removing any brown rings /body fats which can coat the surfaces of the bath.

Following the initial cleaning of the bath pipe work using **SafeSol³** a brown ring may reappear and this should be cleaned off when the treatment has been completed.

2. Cleaning the Jets

Jets should be removed regularly - at least weekly on residential and weekly on commercial (e.g.) hotel whirlpools. Remove jets, wipe with cloth wetted with **SafeSol3** removing all visible body fats and other residues before restoring them to their position in the bath.

3. Disinfecting the Bath

When the bath surfaces have been cleaned and the jets cleaned and replaced fill the bath to the appropriate level with water. (the water level should be just above all the jets.) Add the remainder of the **SafeSol3** from the beaker into the bath and circulate for a minimum of 2 hours.

When the bath is cleaned for the first time a yellow brown ring may reappear as body fats are removed from the under bath circulation pipework. This should be removed by wiping with a wetted cloth as before.

Following this procedure should ensure that your spa bath will never pose any health problems. We recommend that house holders should follow the above procedure weekly and commercial premises daily.

Why use **SafeSol3**?

SafeSol3 has a number of properties which make it unique and ideal for ensuring that you have a healthy spa:

- The product is ideal for removing biofilm - the microbiological layer which develops on the pipes underneath the bath. This film thrives on any organic materials removed from skin like oils, shampoos and body fats and will be present in all baths
- The product kills all the pathogens, including legionella and pseudomonas, likely to be present in a whirlpool bath system
- The product is safe to handle and use

“In Blanquefort, France, the laboratory EVIC-CEBA performed a toxicological evaluation on a dilution of the formulation **SafeSol3**

The laboratory demonstrated that the formulation is not dangerous by inhalation and tested in accordance with Directive 67/548/EEC is not a skin irritant or skin sensitiser, is not dangerous by ingestion and is not an eye irritant.”

The product performs both the cleaning and disinfection function on a spa bath - It is ideal for dealing with the brown ring /body fat deposits and is the safest and most effective disinfectant.

NB: SafeSol products are not suitable for use with metal baths or ceramic coated metal baths.