

### WASTEWATER TREATMENT SYSTEMS - DO'S & DON'TS

#### **Washing machine detergents, dishwasher detergents and washing up liquids**

Normal domestic usage of these products is acceptable with the plant microbiology. If greater than normal quantities are used, eg, commercial premises, then we recommend environmentally-friendly products, low in phosphorus and without enzymes. In these circumstances, the plant design may also need to be altered to accommodate increased loadings.

#### **Floor cleaners, disinfectants and bleaches**

Do not allow large quantities of neat disinfectant or bleach into the plant. We recommend that these products are only used at the minimum concentration possible as they can restrict the biomass growth within the plant.

Use environmentally-friendly products wherever possible. If this option is not available then spreading the use of cleaners over the week is preferable to heavy use on one single day.

#### **Bottle sterilising fluids and nappy disinfectants**

When disposing of these fluids, ensure that they are well diluted with water so that they have minimum impact on the plant's bio-mass.

#### **Waste disposal units**

These will not adversely affect the health of the bio-mass in the plant. They will however increase the loadings and can lead to problems maintaining discharge quality.

When sizing a plant, it is important to discuss their use with the plant manufacturer if they are likely to be installed.

#### **'DO NOT' put any of the following into the system:**

- 💧 Excessive fat, cooking oil or grease
- 💧 Motor oil, anti-freeze or brake fluid, etc
- 💧 Gardening chemicals such as weed killers, insecticides and fungicides
- 💧 Paint, paint thinner, turpentine, white spirit, etc
- 💧 Any form of medication
- 💧 Undiluted home beer and wine making kits
- 💧 Photographic developing fluid
- 💧 Chemical toilet waste
- 💧 Any non-biodegradable material such as nappies, sanitary towels, condoms, rags, etc. Use of toilet paper is acceptable in normal quantities

#### **For more information, contact:**

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