

Astell[®] Bio sink range

AUTOMATIC LIQUID WASTE AUTOCLAVES



INSTANT BIOHAZARDOUS
LIQUID DISPOSAL

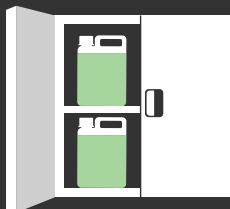


CHEMICAL STERILISATION AND DISINFECTION METHODS HAVE NUMEROUS HAZARDS ASSOCIATED WITH THEM

Chemical sterilants and disinfectants are designed to destroy organisms. Their effectiveness ensures they pose risk to their users.



HARMFUL CHEMICALS



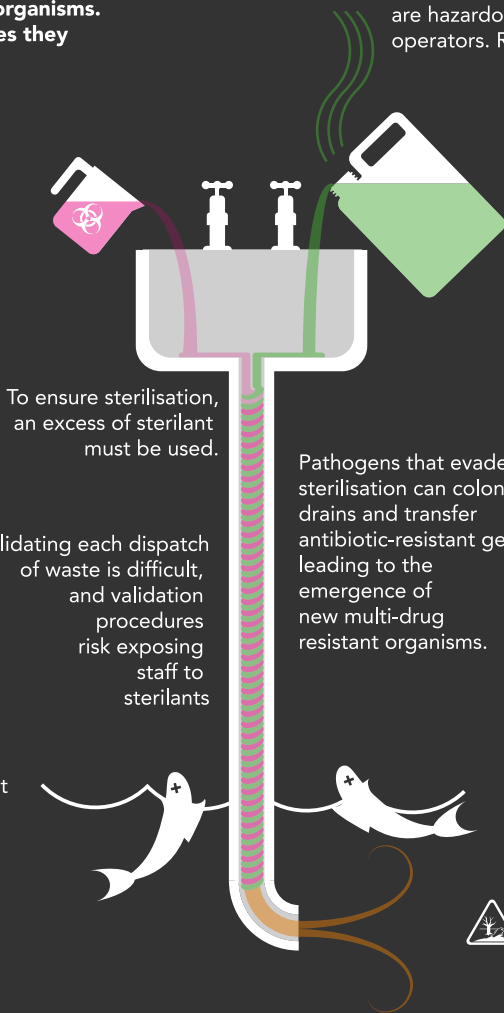
Chemical sterilants are toxic and often highly reactive, requiring specialist storage procedures



Explosion



Oxidation



To ensure sterilisation, an excess of sterilant must be used.

Validating each dispatch of waste is difficult, and validation procedures risk exposing staff to sterilants

Pathogens that evade sterilisation can colonise drains and transfer antibiotic-resistant genes, leading to the emergence of new multi-drug resistant organisms.

Most chemical sterilants are hazardous to their operators. Risks include:



Aspiration Hazard



Corrosion



Poisoning



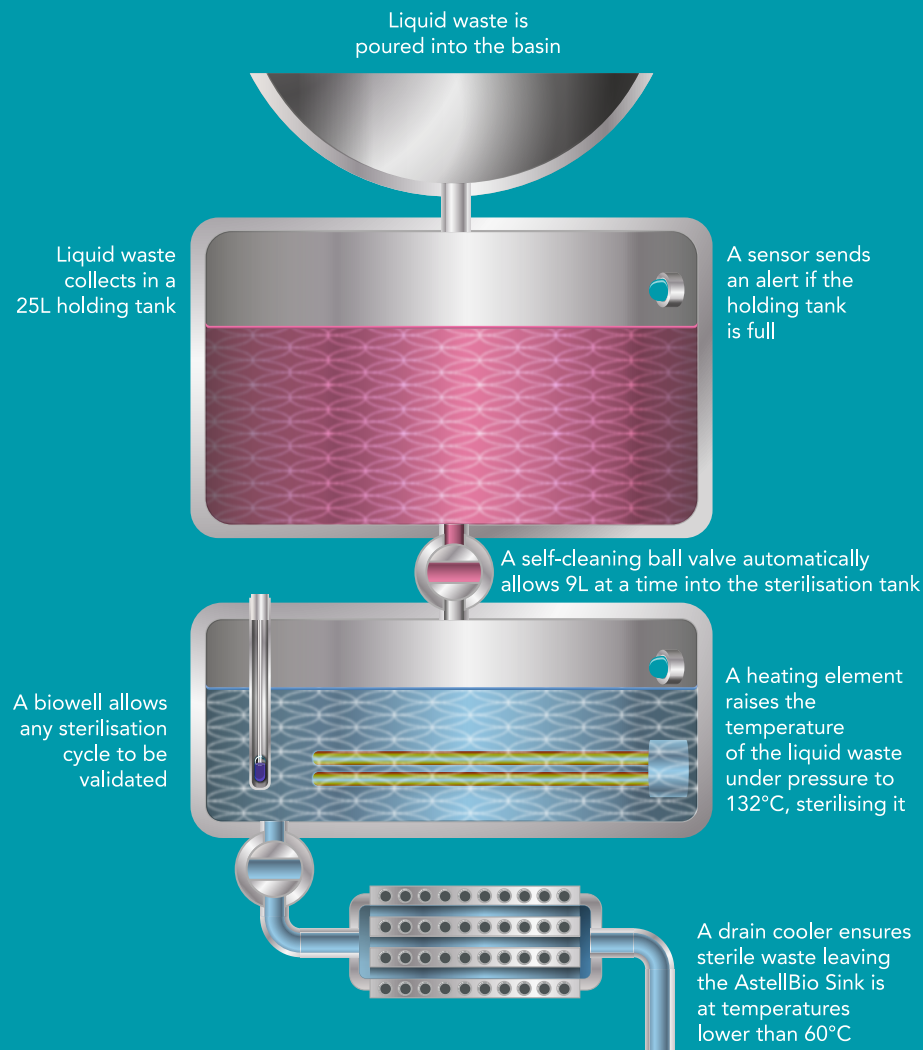
Carcinogen Hazard



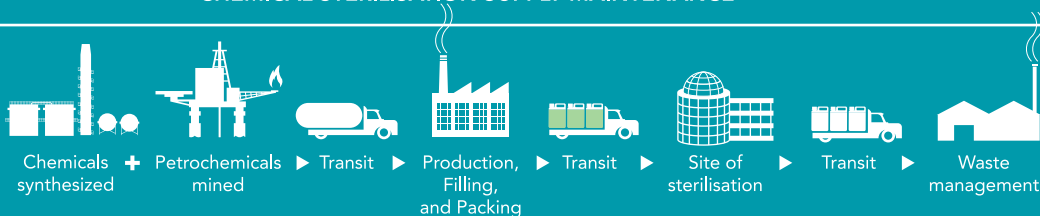
Environmental Hazard

Even low levels of sterilant entering waterways can be toxic to plant and animal life

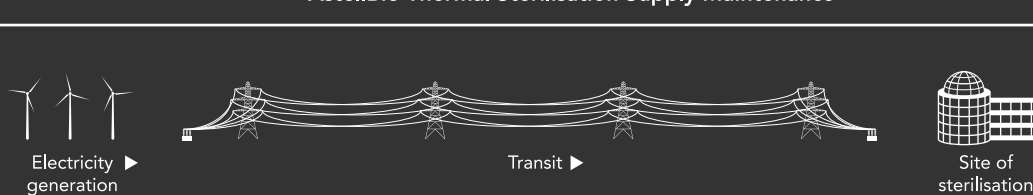
The AstellBio Sink Uses only electrically-generated heat to sterilise biologically hazardous liquid waste



CHEMICAL STERILISATION SUPPLY MAINTENANCE

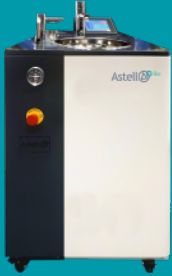


AstellBio Thermal Sterilisation Supply Maintenance



Find out more at [AstellBio.com](https://www.AstellBio.com), or contact us at Sales@AstellBio.com or +44 (0)20 8309 2031 to discuss your requirements.

meet the Astell^{Bio} sink range



Astell^{Bio} sink

The AstellBio sink is an autoclave designed for sterilising liquid waste. Compared with chemical sterilisation methods, it provides a safer, cleaner, and more validatable method of sterilising biologically hazardous liquids, up to and including containment level 3 / biosafety level 3. Each model in the AstellBio Sink range can sterilize 9 Litres of wastewater every 45 mins, more than 280 Litres a day.



Astell^{Bio} sink & autoclave combo

The AstellBio Sink & Autoclave Combo combines the AstellBio Sink liquid waste autoclave with an Astell AMA440 Classic Compact autoclave. It provides both a disposal point for biologically hazardous liquid waste and a steriliser for solid materials and liquids and equipment that requires sterilisation before use. It is a perfect sterilisation station!



Astell^{Bio} micro EDS (effluent decontamination system)

The AstellBio Micro EDS (effluent decontamination system) is a versatile unit that can be plumbed into a variety of wastewater-producing equipment, ensuring effluent is sterile before it reaches the sewer.



email Sales@AstellBio.com or visit AstellBio.com to find out more