



### Activ8 Safety Features

- Safe to use on a wide range of fabrics, rubbers, plastics and hard surface materials including glass, ceramics, thermoplastic tiles, polished wood, painted steels and stainless steel – even on full immersion
- Materials Safety Data Sheets (MSDS) supplied for all products.
- Poses no environmental concerns under the Dangerous Preparations Directive 1999/45/EC.
- Meets the requirements of the Health and Safety Executive (HSE).
- Non-corrosive, non-flammable, non-irritant and non-toxic.
- Established shelf life with sustained efficacy.

### Key Benefits:

- NON TOXIC with easy application to clean and disinfect in one operation.
- NO REQUIREMENT for specialist personal protective equipment.
- ELIMINATES a wide range of bacteria, viruses, fungi and spores including MRSA, Clostridium difficile, Norovirus and Flu.
- SIGNIFICANTLY REDUCES the cost of cleaning by reducing cleaning cycle frequency.
- SIGNIFICANTLY REDUCES the operational downtime of contaminated service areas.
- INDEPENDENTLY TESTED in both laboratory and clinical settings.
- FULL SCIENTIFIC PORTFOLIO on safety and efficacy available.
- MAINTAINS high levels of disinfection for long periods.
- STOPS replication of new strains.



### Why Would You Not Want To Use It?

To request your FREE sample pack of Activ8 products, or to discuss any infection control concerns you may have, call today on **01773 713713** quoting reference ACT/02/07. (sample packs available whilst socks last.)

### Health Care Services

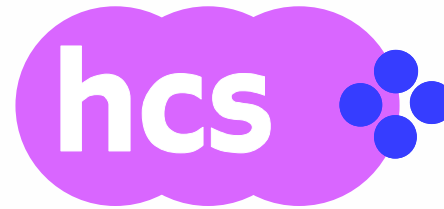
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## Health Care Services

Specialist suppliers to the healthcare industry

The newsletter that keeps you informed about  
Hot topics affecting your business...

Here at Health Care Services, we believe that your needs should always come first and foremost, which is why we make it our purpose to keep you informed of all the latest developments in the healthcare industry.

### Healthcare Acquired Infection

Healthcare Acquired Infection (HAI)—technically known as nosocomial infection – is the term given to infection contracted by patients whilst in a healthcare environment and can be caused by bacteria, viruses or fungi. HAI is not a new phenomenon - a significant part of Florence Nightingale's work was designed to reduce HAI by: for example, increasing the distance between beds in hospitals. HAI is a global issue; in addition to the UK, it causes substantial difficulties in Japan, North America and throughout Europe.

HAI is becoming a large and more difficult problem for healthcare providers due to a number of factors:

- Increasing resistance by bacteria against antibiotics
- The population is living longer
- A significant rise in invasive surgical procedures (such as transplant surgery)
- When admitted to healthcare facilities people are often sicker and therefore more susceptible to infection.

The continued mutation of 'superbugs' with increasing antibiotic resistance is considered by many experts to be one of the greatest threats of our times.



### MRSA

**Methicillin resistant Staphylococcus aureus** is the most infamous healthcare pathogen with levels of resistance increasing from 3% in 1992 to 43% in 2002 in England and Wales (HPA 2003). Currently patients who contract MRSA in a healthcare environment can normally be cured by the use of other antibiotics including '**vancomycin**' which is often considered to be the antibiotic of '**last resort**'. However, there are increasing signs of Staphylococcus aureus becoming more resistant to **vancomycin**.



## Clostridium difficile (C diff)

Unfortunately for healthcare providers, there are a number of other highly problematic bacteria infecting people in healthcare settings, including, for example, **Clostridium difficile (C diff)**. This infection ranges from mild to severe diarrhea to, more unusually severe inflammation of the bowel, which can be life threatening. The following groups are at greatest **RISK** of C diff:

- The elderly (over 80% of C diff infections reported are in people aged over 65 years)
- People who have been treated by broad spectrum antibiotics
- Those with serious underlying illnesses.



C diff is usually spread on the hands of healthcare workers and other people who come into contact with infected patients or with environmental surfaces, for example:

- Floors
- Bedpans
- Toilets

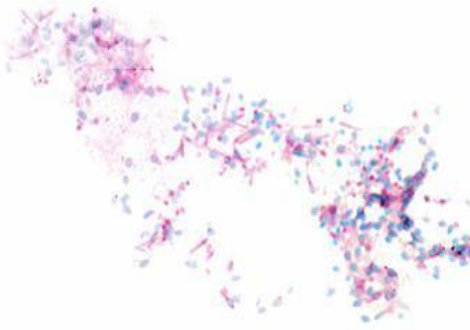
Which are contaminated with the bacteria or its spores. Spores are produced when C diff bacteria encounter unfavourable conditions such as being outside the body. They are very hardy and can survive on clothes and environmental surfaces for long periods.

### NB

As C diff is a spore forming bacteria, and as alcohols are NOT sporicidal (cannot kill spores) alcohol gel will NOT be effective against this bacterium. It will kill the vegetative form of the bacterium, although in practice, as soon as C diff is exposed to a germicidal product, it just forms a spore again, which of course cannot be killed by the alcohol.

## Viruses and Fungi

HAI can also be caused by viruses and fungi including Norovirus which regularly causes outbreaks in healthcare settings.



## How is C diff contracted?

It is possible for the infection to spread from person to person because those suffering from C diff associated diseases shed spores in their faeces.

## How do you prevent an outbreak of C diff?

- Staff should always wear disposable **MEDICAL GRADE** examination gloves (BS EN455 AQL 1.5) and aprons when caring for infected patients.
- Affected patients should be segregated where possible.
- Staff should always observe good hand washing practice, i.e. washing well with soap and water to remove any spores but also use alcohol gel routinely, as usual, to kill any other bacteria, between treating patients on visibly clean hands.
- Rigorous cleaning is seen as the most effective means of removing spores from the contaminated environment (e.g. on floors, around toilets etc.)



**Since the days of Hippocrates and Aristotle, the practice of prevention before cure has always been at the forefront of medicine and never more so than it is today...**



## Introducing Activ8

The world's first **NON-TOXIC** cleaner disinfectant specifically designed for use in hospitals, nursing homes catering areas, schools and nurseries and many other environments where the science of safer cleaning can help in the fight against cross infection.

Activ8 meets the need of a single, safe, general purpose cleaning and disinfecting product that can be used in both high and low risk areas, and complements the NHS' cleaning guidelines.



## Activ8 is available in:

- Concentrated liquid floor cleaner
- Liquid hard surface cleaner (ready to use)
- Impregnated wipes
- Liquid soaps
- Vaporisation fluid.