Cleaning definitions

HANDOUT
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MODULE 10

Cleaning	**The application of energy to a surface to remove dirt and grease. Energy may be physical, thermal or chemical.**
Detergent	**A chemical used to remove dirt, grease and food particles.**
Disinfectant	**A chemical used to reduce micro-organisms to a safe level, can be hot water at 82°C for 30 seconds.**
Sanitizer	**A detergent and disinfectant combined.**
Sterilizing	**The process of destroying all micro-organisms and their spores.**

Cleaning in place (CIP)

The circulation of non-foaming detergents and disinfectants (or sanitizers) through assembled equipment/pipes. Mainly brewing and dairy industry.



Detergent action

The reduction of surface tension enables detergent solutions to penetrate dirt and grease and lift them from the surface to form a suspension

