> Iodine based sanitizer.
> Broad spectrum microbiocide.
> Quick kill & natural effective cleaning.
> Used in most general cleaning & sanitizing applications.
> Preferred supplier to the Department of Defence.
What is Triple 7 Iodosan?

Triple 7 Iodosan is an acid formulation containing iodine which is held in a complex chemical structure known as an Iodophor.

How does it work?

When Triple 7 Iodosan acts as a biocide, the free iodine is used up. This iodine is replaced by the release of iodine from iodopher. Figure 1 shows how this occurs at varying dilutions of Triple 7 Iodosan. The sanitizing capacity of Triple 7 Iodosan is determined by the total amount of free iodine. The disinfecting efficiency depends on the rate at which iodine is released from the complex. At recommended dilutions (iodine concentration with 25-75 ppm available iodine) practically all the iodine is free (90-100%) thereby ensuring rapid biocidal action.

Disinfecting Efficiency

Triple 7 Iodosan has a 99.9% kill rate in two minutes at a 1:500 dilution when tested against most organisms.

Advantages

* Quick kill.
* Low residual.
* Effective at low concentrations.
* Rinse free at low dilutions.
* Effective against broad range of bacteria, viruses, fungi & algae.
* May be used in food preparation areas.
* Not deactivated by hard water.
* Readily biodegradable.
* Stable for 2 years in unopened containers.
* Less deactivated by organic matter than most other biocides.

Applications

* Water holding tanks
* Sewage tanks
* Plant & cool rooms
* Work benches
* Instruments
* Plant & equipment
* Amenities
* Morgues

Dilutions

For sanitizing and cleaning of hard surfaces dilute Triple 7 Iodosan, 1:500 (20ml/10 litres of water). This dilution gives 35 ppm titratable iodine. Normal contact time for effective sanitizing at this dilution is 5 minutes. For no-rinse sanitization the recommended dilution is 1:700. Refer to the Product Data Sheet and MSDS for dilution rates and product information.

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