



Divosan[®] MH

Non-Foaming Iodine Sanitizer for CIP Systems

Description

Divosan[®] MH solution is a unique, iodine-based, acidic sanitizer formulated specifically for clean-in-place (CIP) and other circulation applications where very low foam levels are essential.

Versatile

- For use in all CIP and spray applications

Cost-Effective

- Highly concentrated

Effective

- Broad spectrum, rapid microbiocidal that controls bacteria and yeast
- Eliminates need for acid rinsing

Phosphate-Free

- Does not contribute phosphorus to effluent
- Acceptable for use in areas that restrict phosphates

Discussion

Divosan[®] MH solution is ideal for use in dairies, breweries, beverage plants and other food processing operations where a cost-effective, rapid action sanitizer with a wide spectrum of microorganism kill is required. This product is not an iodophor sanitizer. It is completely non-foaming and produces less staining than commonly encountered when typical iodophors are used. The high acidity of this product, in use conditions, prevents the accumulation of hard water scale or alkaline residues on tanks and pipelines, eliminating the need for a separate acid rinse step as part of the regular cleaning process.



Divosan



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FOR FOOD PLANT USE

Directions For Sanitizing

1. Rinse equipment thoroughly with potable water.
2. Wash via the appropriate method and temperature, using a recommended Diversey cleaner.
3. Rinse with potable water and drain.
4. Sanitize with a solution of 0.5 - 1.0 mL/L of water (0.5 - 1 oz./6 gal of water). This produces equivalent antibacterial action to 12.5 - 25 ppm of typical iodophors. **NO FINAL RINSE IS REQUIRED AT THIS CONCENTRATION.**
5. Allow sanitizing solution to completely drain from equipment.

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear, orange liquid
Scent	Pungent
Specific Gravity	1.18
pH (0.1%)	2.45
% P	0.0
% Total Acidity (as H ₃ PO ₄)	22.6

The above data is typical of normal production and should not be taken as a specification.

Microbiocidal efficacy

Divosan[®] MH at 0.1 percent (1 mL/L; 1 fl. oz./6 Imp. gal.) at 25°C passes the A.O.A.C. Germicidal and Detergent Sanitizers Test a 5 log reduction (99.999 percent kill) of bacteria in 30 seconds against the following bacteria:

<i>Aeromonas hydrophila</i>	Pathogen
<i>Staphylococcus aureus</i>	Pathogen
<i>Pseudomonas fluorescens</i>	Pathogen
<i>Listeria monocytogenes</i>	Pathogen
<i>Escherichia coli</i>	Pathogen
<i>Yersinia enterocolitica</i>	Pathogen
<i>Salmonella typhimurium</i>	Pathogen

<i>Pseudomonas aeruginosa</i>	Pathogen
<i>Lactobacillus brevis</i>	Spoilage
<i>Proteus mirabilis</i>	Pathogen

Divosan[®] MH at 0.1 percent, at 25°C, produces a 99.999 percent kill in five minutes against the following yeasts:

<i>Candida albicans</i>	Pathogen (food, dairy and beer)
<i>Saccharomyces cerevisiae</i>	Spoilage (beverage and beer)

Safe handling and storage information

Store in original closed containers, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet.

Product compatibility

Divosan[®] MH is non-corrosive towards glass and stainless steel when used as directed. Exposure to softer metals such as copper, brass and aluminum should be avoided.

Test Kit

Test Kit #409910

Precautionary Statement

Refer to current Safety Data Sheet.