



## F&B Safeguard<sup>TM/MC</sup> 7

### A Broad Spectrum Biocide

#### Description

Safeguard<sup>TM/MC</sup> 7 sanitizer is a non-toxic, broad spectrum biocide with a wide range of applications in the food and beverage industries for both hard surface sanitation and microbiological control in water treatment.

#### Effective

- Broad spectrum, rapid microbicidal activity makes it suitable for a variety of applications
- Low foaming formula is applicable for circulation and spray operations

#### Versatile

- Water hardness tolerant formula is effective in all water conditions
- Non-corrosive formula is suitable for most surfaces

#### Phosphate-Free

- Reduces phosphorus in effluent
- Acceptable for use in areas that restrict phosphates

#### Discussion

Safeguard<sup>TM/MC</sup> 7 sanitizer is multi-purpose for use in a variety of food and beverage operations. It has application for sanitizing equipment following cleaning and for the control of bacteria in water treatment, particularly slime in brewery pasteurizers and beverage can warmers. Its combination of properties: non-foaming, low toxicity and non-corrosivity, make it an ideal choice for an environmental sanitizer for floors, walls and equipment surfaces in any food operation. It is also ideally suited for fogging applications. This product can be left for long periods in contact with metallic surfaces and delicate tank linings without fear of damage.



**Divosan**



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### Use Instructions

#### 1. General Equipment and Surface Sanitation

Following a suitable cleaning procedure, sanitize equipment and surfaces by spray, circulation or immersion of a 5 mL/L (0.8 oz./Imp. gal.) for a minimum time of 2 minutes. Drain well before use.

#### 2. Brewery Pasteurizers/Can Warmers

The use concentration under these conditions ranges from 0.05% to 0.2% v/v (8-32 oz./100 gallons) slug-dosed at regular intervals. Typically in treating pasteurizers, 0.1% (16 oz./100 gal.) v/v in water dosed at regular intervals of eight hours is found effective. It is also recommended to dose the pasteurizer prior to shut-down times (i.e. overnight, weekends, etc.) to ensure that Safeguard<sup>TM/MC</sup> 7 sanitizer is working without any dilution (due to water overflow) for the maximum possible time. Example: for a 1000 L tank, 500 mL of Safeguard<sup>TM/MC</sup> 7 sanitizer produces a concentration of 0.05%. A specific dosing profile can be custom designed for particular customer conditions and requirements.

### Technical Data

Certification	Acceptable for use in food processing facilities
Color/Form	Clear red liquid
Scent	Characteristic
Specific Gravity	1.007
% P	0.0
pH (1%)	5.1
pH (neat)	6.0

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

### 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

This product, at recommended use levels, can be used on any surface without risk of corrosion.

### Microbiocidal Efficacy

Safeguard<sup>TM/MC</sup> 7 sanitizer is based on a polymeric biguanide active agent. This product at the recommended use level of 5 mL/L at 25°C produces a 5 log reduction of test bacteria after a five-minute contact time.

### Test Kit

Test Kit # 409882

### Precautionary Statement

Refer to current Safety Data Sheet.