



**Dusan** <sup>TM/MC</sup>

## Low Foaming Iodophor

### Description

Dusan™ is an acidic low-foaming iodophor specifically designed for use in the food, foodservice, dairy, beverage, brewing, meat and poultry industries. It is also an effective hard surface sanitizer for the healthcare and allied industries.

### Effective

- 12.5 to 25 ppm available iodine for sanitizing equivalent to 100 - 200 ppm chlorine in accordance with AOAC Chlorine Germicidal Concentration Test

### Easy-to-Use

- Low-foaming formula is suitable for clean-in-place (CIP), clean-out-of-place (COP), spray and immersion.
- No rinse required for solutions 12.5 to 25 ppm available iodine used on hard, nonporous food contact surfaces

### Cost-Effective

- Concentrated formulation is economical to use

### Discussion

Dusan™ provides positive wetting, rapid draining from equipment and effective sanitation in the food, foodservice, dairy, beverage, brewing and meat and poultry industries. It is also an effective hard surface sanitizer for the healthcare and allied industries. As a result of its low-foaming formulation, Dusan™ can be used in CIP, spray, or immersion final rinse sanitizing.



**Divosan**



**Dusan**<sup>TM/MC</sup>

## Low Foaming Iodophor

### Use Instructions

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Recommended for use in sanitizing, operations in food plants, dairies, restaurants, beverage and brewery operations, hospitals and nursing homes.

#### For Sanitizing Utensils and Glasses in Hand Washing Operations

1. Scrape and pre-wash utensils and glasses whenever possible.
2. Wash with recommended detergent.
3. Rinse with potable water.
4. Sanitize in a solution of 1 ounce of Dusan<sup>TM</sup> sanitizer to 5 gallons of water (25 ppm titratable iodine). Immerse all utensils for at least 2 minutes or for contact time specified by governing sanitary code.
5. Place sanitized utensils on a rack or drainboard to air dry.

**Note:** A clean, potable water rinse following sanitation is not permitted under section HFS 196, Appendix 7-204.11 of the Wisconsin Administrative Code [reference 21 CFR § 178.1010 (a)].

Approved under the regulations of the Wisconsin State Board of Health. Dusan<sup>TM</sup> is authorized for final spray or soak sanitizing of utensils and equipment in dairies and/or dairy farms under Section 7, Items 11r and

14r, Grade "A" Pasteurized Milk Ordinance (2003). Use one (1) ounce of Dusan<sup>TM</sup> per 5 gallons of water (25 ppm titratable iodine) for these usages.

This product may be sprayed at 10 ppm titratable iodine for sanitizing bells on filling machines and crowns on capping machines in brewery and soft drink operations. Use two (2) ounces of this product to 25 gallons or water for 10 ppm titratable iodine.

Use one (1) ounce of this product for 5 gallons or water (25 ppm titratable iodine) for final sanitizing of bottles and all other utensils and equipment in breweries and soft drink plants, by spraying or soaking.

12 ½ to 25 ppm available iodine for sanitizing is equivalent to 100 to 200 ppm available chlorine in accordance with the AOAC Chlorine Germicidal Concentration Test.

Dusan<sup>TM</sup> is a low foam iodophor authorized under 21 CFR § 178.1010, Sanitizing Solutions, FDA Food Additive Law for final sanitizing rinsing.

One ounce of Dusan<sup>TM</sup> per 5 gallons of water (25 ppm titratable iodine) is authorized for final sanitizing rinsing of previously cleaned and rinsed food contact utensils and equipment in all types of food plants, meat and poultry plants, dairies, dairy farms, brewery and soft drink plants, restaurants, hospitals and nursing homes. The rinse may be a spray or soak.

### Technical data

EPA Reg. No.	875-188
Form/Color	Dark brown opaque liquid
Scent	Iodine
Specific Gravity	1.032
pH (1%)	3.23
pH (neat)	4.2
% P	0.0
% Total Acidity (as H <sub>3</sub> PO <sub>4</sub> )	0.4

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

Dusan<sup>TM</sup>, at recommended use concentrations, is suitable for use on stainless steel, mild steel, aluminum and other soft metal. It is also suitable on painted surfaces and most plastics. Porous materials and some plastics may exhibit light staining.

### Test Kit

Test Kit #409910

### Precautionary Statement

Refer to current Safety Data Sheet.