

IodElite



Stable broad spectrum antiseptic and disinfectant solution

PRODUCT OVERVIEW

IodElite is a rapid-acting iodine-based disinfectant intended for general and topical use. It offers strong, broad-spectrum antimicrobial efficacy against bacteria, viruses, parasites, fungi, and yeasts. The product is formulated as an aqueous solution and is suitable for use in livestock and poultry environments, as well as for equipment and surface disinfection.

IodElite effectively eliminates both Gram-positive and Gram-negative bacteria, fungi, protozoa, mycoplasma, viruses, and yeasts, making it a versatile and reliable disinfectant for agricultural and food-related applications.

FEATURES & BENEFITS

- **Broad-Spectrum Activity:** Effective against bacteria, viruses, fungi, protozoa, mycoplasma, and yeasts for comprehensive hygiene.
- **Rapid Action:** Quickly reduces microbial load on contact.
- **Safe for Skin & Mucous Membranes:** Minimizes irritation even at higher concentrations.
- **Versatile Use:** Suitable for water, surfaces, and equipment in livestock, poultry, and food processing.
- **Stable & Reliable:** Maintains efficacy under recommended storage and use.
- **User-Friendly:** Easy to prepare and apply with clear dosing guidelines.

FAST, SAFE, COMPLETE DISINFECTION



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USES AND APPLICATIONS:

Recommended for general disinfection and water sanitization in livestock and poultry farms

Suitable for cleaning and disinfecting:

- Animal houses and poultry farms
- Fodder factories
- Milking instruments
- Cattle yards
- Slaughterhouses

PRODUCT DETAILS

IodElite is an aqueous povidone-iodine formulation containing 28 g of Povidone-Iodine per liter, formulated with a balanced buffer system, an acidifying agent (phosphoric acid), antimicrobial activity enhancers, stabilizers, skin-conditioning emollients, and purified water (aqua).

Form: Liquid (aqueous solution)

Appearance: Clear to dark brown solution (depending on concentration)

Odor: Characteristic mild iodine odor

pH: Mildly acidic

Solubility: Completely soluble in water

Stability: Stable under recommended storage conditions

Packaging

Available in industrial-grade packaging:

- 5 L jerrycan
- 10 L jerrycan

Other sizes available upon request

DIRECTIONS FOR USE

Application	Recommended Dosage
Fodder and drinking containers, cages	60 ml per 10 liters of water
Water tanks and pipeline systems	Wash with clean water, then disinfect using 90 ml per 10 liters of water
Drinking water disinfection	100 ml per 70 liters of water
Surface disinfection	90 ml per 10 liters of water; for heavily contaminated areas use 180 ml per 10 liters
Wheels and foot baths	90 ml per 10 liters of water; replace solution weekly
Building disinfection	1 liter per 100 cubic meters of area
Milking instruments	100 ml per 10 liters of water

SAFETY INFORMATION

For industrial use only.

Operator Safety:

Always wear gloves, protective eyewear, and a mask during handling and application.

Avoid contact with eyes; use appropriate personal protective equipment (PPE).

Refer to the Safety Data Sheet (SDS) for detailed safety and handling instructions.

STORAGE AND DISPOSAL:

Storage:

Store below 30 °C in a dry place in tightly sealed containers, protect from humidity and direct sunlight.

Keep out of reach of children and unauthorized personnel.

Disposal:

Dispose of used containers and residues in accordance with local regulations.

ENVIRONMENTAL IMPACT

- **Biodegradability:** Components of IodElite are readily biodegradable when diluted, minimizing long-term environmental persistence.
- **Minimal Soil Impact:** The product decomposes naturally and does not accumulate in soil under normal usage conditions.
- **Responsible Use:** Following dosing guidelines ensures effective disinfection with minimal environmental footprint, supporting sustainable farm and industrial hygiene practices.



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