English

kalei BIOTECHNOLOGY

AGRI DIS® (Post-harvest treatment)

Agriculture

Bactericidal

Fungicidal

Levuricidal

Viricidal

Eliminates the Coronavirus

Suitable for drinking water

Harmless to skin, eyes and oral mucosa in adequate doses and time periods

In compliance with the following standards: EN 13.697; EN 1276; EN 1650; EN 14.476; EN 12671; UNE EN ISO 10.993-10 2013.

Biocide based on a liquid solution of pure and stable Dioxygen Chloride. AGRI DIS® is accepted by the AESAN as a Technological Adjuvant for disinfection and sanitation without toxicity for washing fourth-range products (post-harvest).

Efficacy certified by ENAC-accredited laboratories.

PRINCIPAL FEATURES

- No microbiological resistance to bacteria, viruses, fungi, larvae, spores or algae.
- Prevention and elimination of biofilm and biofouling.
- Does not create waste or by-products.
- No safety period.
- Does not transmit odour or flavour to products coming into contact with usage doses.
- There are no corrosive or negative effects following usage doses.

APPLICATION METHODS

It can be applied by direct injection, dosing pump or any other technique that guarantees contact with the elements to be disinfected through the process water.

Disinfection of post-harvest and fourth range products.
Treatment by showering or immersion of fresh fruit and vegetables, maintaining the residual according to the microbiology of the process.
AGRI DIS® allows water to be recirculated at the washing stage, enabling reuse and reducing total water consumption during the process.
Sanitation and disinfection of the contact surfaces along the washing line, including conveyor belt, utensils, etc.

Certified efficacy creating no resistance among:

VIRUS

General viricide: Poliovirus, Adenovirus, Murine Norovirus, Coronavirus

BACTERIA

Escherichia coli, Enterococcus hirae, Clostridium perfringens, Salmonella typhimurium, Pseudomonas aeruginosa, Listeria monocytogenes, Staphylococcus aureus, Enterobacter cloacae, Lactobacillus brevis, Salmonella enterica, among others.

FUNGI AND SPORES

Penicillium expansum, Cladosporium cladosporioides, Saccharomyces cerevisiae, Saccharomyces cerevisiae var. diastaticus, Brettanomyces Dekkera bruxellensis, Aspergillus brasiliensis, Candida albicans, Bacillus subtilis, among others.

TECHNICAL INFORMATION

PHYSICAL STATE	COLOR	SMELL	BOILING POINT	WATER SOLUBILITY
LIQUID	YELLOW-ORANGE	IRRITANT	100°C	TOTALLY MISCIBLE

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