

GIORDANO CLEAN COMPOUND

Silver ion technology, on which GIORDANO Clean Compound® is based, inhibits the growth of microorganisms as pathogen microbes and bacteria.

Since ancient times, the properties of the silver ions have been known to be effective against a broad range of microorganisms. Today, silver ions released by a special dedicated compound created for the GIORDANO needs is used to control bacterial growth in a variety of applications, like the EggsCargoSystem®



Laboratory investigation about the efficacy of the inclusion of a bactericide in the plastic materials to produce plateaus and pallets used in eggs transportation, to inhibit the growth and survival of *Salmonella enterica* subsp. *enterica* ser. *Enteritidis*.

Data showed that the abatement rate of the *S. Enteritidis* load of contaminated eggs placed in dimples of plateau with bactericide is about 150% if compared with those in plateau without bactericide. Similarly, the reduction of the pathogen load onto plateau and pallets with bactericide is 180% and 140% respect to the contaminated supports without bactericide.

On aggregate, data showed that the addition of bactericide enhances the decaying rate of *S. Enteritidis*. Additionally, it was also evidenced the efficacy of plateaus in preventing the passage of the pathogen to and from the eggs.

Scientific report produced at the Aldo Moro University of Bari – Italy by the, Department of Veterinary Medicine.

**GIORDANO Clean Compound® contributes
to keeping your eggs production safe.**



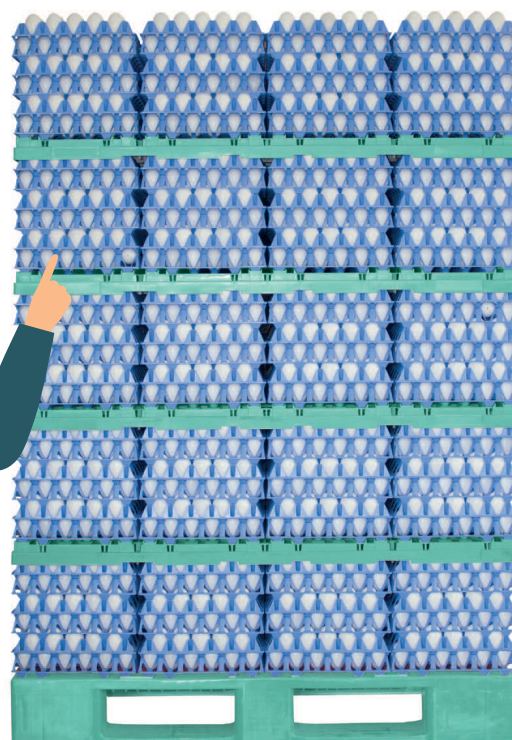
www.giordanoglobal.com
info@giordanoglobal.com



GIORDANO CLEAN COMPOUND

GIORDANO Clean Compound® can be used to produce all plastic used for the production of the EggsCargoSystem®.

This is what we advise our customers. After all, using exclusively the trays produced with GIORDANO Clean Compound® means that the dividers and pallets remain an increased risk of contamination.



The effect of the active substance [Silver Ions] will slowly decrease over the years. The extent to which this depends strongly on circumstances such as temperature and cleaning agents.

Based on the correct circumstances, it can be stated in average that the effect of GIORDANO Clean Compound® is around 5 years.

- Reduction of bacterial charge
- Improve the microbial safety of the EggsCargoSystem®
- Contain the bacterial exchange between users



www.giordanoglobal.com
info@giordanoglobal.com

