

Water Technologies & Solutions fact sheet

Kleen* EG8667

powder alkaline egg cleaner

- Strongly alkaline cleaner
- Effective in removing dirt, grease and other organic contaminants from egg shell surfaces
- Reduces plant rejection rate for soiled eggs
- Cost effective powder concentrate
- Meets USDA (Q1) standards for Shell Egg Cleaners

description and use

Kleen EG8667 is a strongly alkaline powder product designed to clean and brighten eggs in on-line processing applications. This product is effective in the removal of dirt, grease, and other organic contaminants commonly found on egg shells. Kleen EG8667 is specially formulated to deliver high performance cleaning while maintaining required system pH.

typical applications

Egg washing is a critical process that is used to promote and ensure food safety. The egg washing process generally requires circulation of a cleaning solution from a holding tank to a sprayer where it is applied to the eggs.

Federal regulatory agencies, such as the USDA, require that water used for egg washing must have specific pH and temperature to eliminate microbiological growth on the egg shells. A cleaning solution pH of 10 to 11 is recommended (higher pH is acceptable and may provide improved MB control). The cleaning

solution temperature typically must be maintained above 90°F (32°C), but less than 120°F (49°C).

treatment and feeding requirements

The treatment program for egg washing consists of using an alkaline cleaner such as Kleen EG8667. Concentration can range from 0.5% to 2.0% as necessary to obtain the desired solution strength and cleaning performance, while meeting pH requirements.

Fresh water is constantly added to the tank. The pH and temperature should be maintained according to plant USDA specifications. Monitoring and control of the cleaning solution pH or conductivity is recommended to maintain the proper dosage (baseline testing is required to establish proper conductivity ranges).

packaging information

Kleen EG8667 is a powder and is supplied in a variety of customized containers and delivery methods. Contact your SUEZ representative at www.suezwatertechnologies.com.

safety precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.



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