

**Water Technologies & Solutions**  
**fact sheet****Kleen\* EG8664****liquid alkaline egg cleaner**

- Low foaming, strongly alkaline cleaner
- Effective in removing dirt, grease and other organic contaminants from egg shell surfaces
- Reduces plant rejection rate for soiled eggs
- Easy-to-apply, concentrated, liquid formulation
- Meets USDA (Q1) standards for Shell Egg Cleaners

**description and use**

Kleen EG8664 is a strongly alkaline liquid product designed to clean and brighten eggs in on-line processing applications with reduced foaming. This product is effective in the removal of dirt, grease, and other organic contaminants commonly found on egg shells.

**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 EG8664. 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 EG8664 is a liquid and is supplied in a wide variety of customized containers and delivery methods. Contact your SUEZ representative at [www.suezwatertechnologies.com](http://www.suezwatertechnologies.com).

**safety precautions**

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

**LENNTECH**

info@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289