

99.99%
Microbial
Kill

- Sanitizes and disinfects
- Non-polluting
- Breaks down to water, oxygen and vinegar
- Contains no halogens
- Non-corrosive
- Not pH sensitive
- Does not contribute to wastewater, total dissolved solids or total salt levels
- Safe to use at food processing facilities

SEELER INDUSTRIES, INC.

Seeler Industries consists of several operating divisions related to chemical logistics services and the transloading, warehousing, distribution and transportation of liquid and dry specialty, intermediate and commodity chemicals.

We are a leading distributor of various grades and strengths of hydrogen peroxide, acids, caustic soda, glycols, etc., and toll manufacture other specialty chemicals. A complete list of chemical products can be found on our website.

In addition, we operate 3 Rivers Terminal, a for-hire chemical terminal facility. 3 Rivers Terminal provides storage, transfer and packaging services for both bulk liquid and dry chemicals in truck or rail quantities.

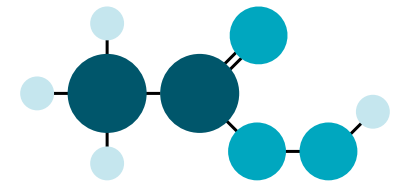
If you would like to know more about Pearl OX™ or the many other products and services offered by Seeler Industries, Inc. and our 3 Rivers Terminal division, please call us or visit our website. We will be delighted to assist you.

WWW.SEELER.COM

1-800-336-2422

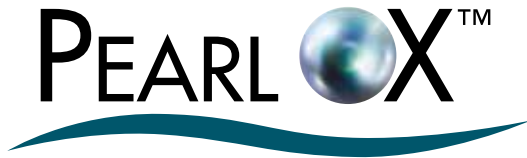
PEARL  OX™

Anti-Microbial Solution



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 **Seeler Industries, Inc.**



Anti-Microbial Solution

Pearl OX™ is an FDA registered peroxyacetic acid-based sanitizer and disinfectant. The active ingredients in Pearl OX™ are Peracetic Acid and Hydrogen Peroxide. Peracetic acid (PAA) sanitizer was developed in Europe years ago and is now used throughout the world. It is environmentally compatible and considered to be non-polluting. A 99.999% microbial kill is achieved at a normal use rate of 80 ppm with a contact time of one (1) minute. Upon degradation, PAA breaks down to water, oxygen and vinegar (acetic acid). It is virtually odor free at end use concentrations and there are no known hazardous or toxic by-products associated with its use.

Unlike chlorine, Pearl OX™, with the active ingredient of PAA, does not contain halogens. Its non-corrosive characteristics also allow for greater contact time and compatibility with stainless steel or processing equipment.

Pearl OX™ is not considered to be pH sensitive and functions very well under cold conditions near 4 degrees C. It does not lose its activity and can be used with short contact times as well.

Applications

Pearl OX™ is intended to be used in food processing applications. Pearl OX™ is to be applied to red meat carcasses, red meat carcass parts/trim, or red meat organs through spraying, submersion, or both. Pearl OX™ is applied to poultry as a rinse, dip, spray, in chiller water, or scald water. Additionally, Pearl OX™ can be used in pre-formed poultry and/or meat, fish and/or seafood, fruits and/or vegetables.

Pearl OX™ exhibits an antimicrobial effect that reduces the presence and population of pathogenic and nonpathogenic microorganisms that may be present while subsequently retarding the spoilage of red meat and poultry. Application of this product occurs with the directive to provide safer food commodities as defined in the 21 CFR 170.3 to consumers.

When used as the primary sanitizer in processing facilities, Pearl OX™ does not contribute to wastewater TDS or total salt levels. It does not interfere with most wastewater chemical treatments.

Usage Levels

- 460 ppm for applications to whole or cut meat
- 2000 ppm for applications to whole or cut poultry
- 230 ppm for applications to preformed meat products
- 230 ppm for applications to preformed poultry products
- 230 ppm for applications to fish and seafood
- 350 ppm for applications to fruits and vegetables

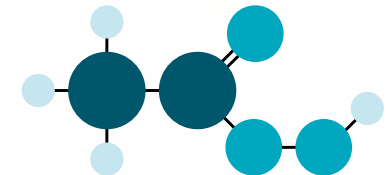
Product Availability

Pearl OX™ can be purchased in containers ranging in size from 1 gallon to 330 gallon tote bins, which includes the various packages of 5, 15, 30 and 55 gallon units. Pearl OX™ is also provided upon special order to accommodate your specific batch requirements, container size or fill levels.

Container Sizes

- 1 Gallon — Poly Container
- 5 Gallon — Poly Container
- 15 Gallon — Poly Drum
- 30 Gallon — Poly Drum
- 55 Gallon — Poly Drum
- 330 Gallon — Poly Tote Bin

Special or unique orders are available by request



UN3109 Organic peroxide type F, liquid
(Peroxyacetic acid, Hydrogen Peroxide), 5.2, II