



# PERASAN<sup>®</sup> A (Antimicrobial Solution)

EPA Number: 63838-1

## Applications

Food grade sanitizer for use in the dairy, animal health, food and beverage processing industry. Perasan A is an excellent option for sanitizing food contact surfaces as well as egg casing and shells. It also has disinfection claims for animal and poultry premises which includes pet quarters, poultry hatcheries, livestock quarters, and more. Perasan A is approved for use in poultry and livestock watering operating systems to control algae and bacterial growth.

## Properties

PERASAN<sup>®</sup> A has a high oxidation potential and is very reactive. It exhibits excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water. Product is stable for a minimum of 1-year under normal conditions. It ultimately degrades to oxygen, water, and acetic acid (vinegar).

## Chemical Composition

PERASAN<sup>®</sup> A is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

Peracetic acid (% wt.) 5.5-5.9

H<sub>2</sub>O<sub>2</sub> (% wt.) 26.5-27.3

Acetic acid (% wt.) 7-8

## Physical Properties

Density 20°C (68°F), (g/ml) 1.12

Vapor Pressure 20°C (68°F), (mbar) 27

pH 10% solution, 20°C (68 °F) 1.8

pH 1% solution, 20°C (68 °F) 2.8

Flash Point (DIN 51584) > 98° C (207° F)

Freezing Point < -12° C (10° F)

## Appearance

Clear, colorless liquid (pungent vinegar-like odor)

## Storage

**The PERASAN<sup>®</sup> A container must be stored in an upright position.** The storage area should be well ventilated and **shaded from sunlight** as well as protected from sources of radiant heat. Contamination of the product, especially heavy metal ions and alkali, must be avoided.

## Shelf Life

At least one year without notable loss of active oxygen if stored properly.

## Packaging

5 gal (45 lb), 53 gal (500 lb), 220 gal (2050 lb), 300 gal (2800 lb).

Available in HDPE plastic pails, drums, and totes.

## Transport (DOT)

Oxidizing liquid, corrosive, n.o.s. (contains hydrogen peroxide and peroxyacetic acid mixture, stabilized), 5.1 (8), UN 3098, PG II

#35 (BVS)

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