



PERASAN 'B' (Antimicrobial Solution)

EPA Number: 63838-1

Applications

Used in the dairy, food and beverage processing industry for CIP pipeline cleaning, sanitizing, bottle and filler sanitizing, disinfection, and sulfite and odor reduction. Peroxyacetic acid solutions are also used for disinfection in human and veterinary applications including hospitals. Use dilution for equipment sanitation is **15-30 mLs in 10 liters** of water. A potable water rinse is not necessary if less than 30 mLs/10 liters is used (200 ppm active PAA).

Properties

PERASAN 'B' 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.

Chemical Composition

PERASAN 'B' is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

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|---------------------------------------|------------|
| Peracetic acid (% wt.) | 5.6-6.0 |
| H ₂ O ₂ (% wt.) | 25.0-27.4 |
| Acetic acid (% wt.) | 7-8 |
| Stabilizer (% wt) | <0.6 |
| 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 °C (°F) DIN 51584 | >98° (207) |
| Freezing Point °C (°F) | -5 (23) |

Physical Properties

Appearance

Clear, colorless liquid (pungent vinegar-like odor)

Storage

The PERASAN 'B' 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), and 53.5 gal (500 lb) plastic pails and drums.

Transport (DOT)

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

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