

APPLICATIONS

Used in the dairy and food and beverage packing/processing industry for sanitizing food contact surfaces and equipment. Use dilution for food contact surface and equipment sanitation is 29–180 mL in 22 L of water. A potable water rinse is not necessary.

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.

Peracetic acid (% wt.)	5.0–5.9
H2O2 (% wt.)	25.0–27.4
Acetic acid (% wt.)	3–8
Density 20°C (68°F), (g/ml)	1.12
Vapor Pressure 20°C (68°F), (mbar)	22
pH 10% solution, 20°C (68 °F)	1.8
pH 1% solution, 20°C (68 °F)	2.8
Flash Point °C (°F) DIN 51584	>93 °C (200 °F)
Freezing Point °C (°F)	N/A

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

18.9 L (20.4 kg) and 202.5 L (226.8 kg) plastic pails and drums.

TRANSPORT (DOT)

UN3098, Oxidizing liquid, corrosive, n.o.s. (contains hydrogen peroxide and peroxyacetic acid mixture, stabilized), 5.1(8), PG II

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