



Tech Data: PERASAN[®] MP-2

Advanced Peroxygen for FDA Applications

Applications

Used as a water additive for use directly in or on food products in accordance with 21 CFR 173.315 and 21 CFR 173.370. The PERASAN[®] products are manufactured under strict food grade conditions using only food grade or better raw materials and are essentially free of any heavy and/or transition metals. They are designed to be used as microbiocides that may be used to decrease the incidence of pathogenic organisms in or on food, and/or help reduce the number of decay or food spoilage organisms normally present in the processing of meat, dairy, poultry, seafood and vegetable food items. The PERASAN[®] products are custom manufactured and labeled specifically for our customers and are not available through other channels of distribution. Please inquire with your Enviro Tech specialists to see how our highly sophisticated manufacturing and technical capabilities may help your company.

Properties

PERASAN products are very high oxidation chemistries and thus are very reactive. They exhibit excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water.

Chemical Composition

PERASAN products are an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

“MP-2”

Peracetic acid (% wt.)	14.8-15.5%
H ₂ O ₂ (% wt.)	5.6-6.3%
Acetic acid (% wt.)	30-35%
Stabilizer (% wt)	<0.7
Density 20°C (68°F), (g/ml)	1.10
Vapor Pressure 20°C (68°F), 25 (mbar)	
pH (190 ppm as PAA, 20°C (68 °F)	4.0-5.5 (tap water)
Flash Point °C (°F) DIN 51584	>82° (180)
Freezing Point °C (°F)	-5(-2)

Physical Properties

Appearance

Clear, colorless liquid (pungent vinegar-like odor)

Storage

The PERASAN container must be stored in an upright position. The storage area should be well ventilated and **shaded from sunlight.**

Shelf Life

At least 6months. Thereafter, product decays gradually.

Packaging

5 gal (40 lb), 53 gal (490 lb) plastic pails and drums. (Private Label Only)

Transport (DOT)

Organic Peroxide, Type F, Liquid (peroxyacetic acid), 5.2, UN 3109, PGII

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