



Peragreen® 22WW (Antimicrobial solution)

EPA Reg. No. 63838-20

Properties

Peragreen® 22WW is a concentrated version of Peragreen® WW for use as a microbiocide for bacterial and algae control in wastewater treatment systems. Peragreen® 22WW is a peroxyacetic acid-based microbiocide that can be used to treat sewage and wastewater effluent systems associated with public and private wastewater treatment plants. This product may be applied alone at any point in the treatment train, such as debulking control, or may effectively be used in conjunction with other systems, such as Ultra Violet (UV) light.

Applications

Peragreen® 22WW 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 9-12 months under normal conditions if kept out of sunlight. Peragreen® 22WW is significantly more concentrated than comparable 15% PAA products.

Physical Properties

Appearance	Clear, colorless liquid
Odor	Pungent, vinegar-like
Peracetic acid (% wt)	21.8-22.8
H ₂ O ₂ (% wt)	4.7-5.2
Density (20 °C)	1.11 g/mL (9.28 lbs/gal)
pH (190 ppm PAA in tap water, 20 °C)	4.0-5.5
Flash Point (DN 51584)	>93° C (>200° F)
Freezing Point	<-8° C (<17° F)

Storage

The Peragreen® 22WW 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 with non-stainless steel metal ions and alkali must be avoided.

Shelf Life

At least 9-12 months without notable loss of active oxygen if stored properly.

Transport (DOT)

UN3109, Organic peroxide type F, liquid (<=25% peracetic acid with <=26% hydrogen peroxide), 5.2 (8)

Prod. #79

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