



PERASAN[®] OG

EQUILIBRIUM PERACETIC ACID SOLUTION FOR OIL AND GAS (EPA # 63838-20)

Properties

Perasan[®] OG is the most concentrated peracetic acid formula on the market. Perasan[®] OG is a biocide for the control of slime and biofilms in oil and gas production and secondary oil recovery systems. Perasan[®] OG 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.

Applications

Perasan[®] OG may be used to treat water used in primary or secondary oil and gas recovery systems to control anaerobic sulfide-forming bacteria, aerobic slime-forming bacteria, yeast, and fungi. This product may be used in fresh or recycled water, secondary recovery systems, muds or fluids. This product controls biofilm and slime deposits on products associated with oilfield and gasfield systems which are susceptible to contamination. It also controls slime deposits downhole in water-bottoms.

Chemical Composition

Perasan[®] OG is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

Physical Properties

Peracetic acid (% wt)	21-23
H ₂ O ₂ (% wt)	4.2-5.2
Acetic Acid (% wt)	40-50
Density (lbs/gal.) 20°C	9.28 (1.11 g/mL)
pH (100 ppm PAA)	4.5-6.0
Flashpoint (°C)	>93°C (200° F)
Freezing point (°C)	<-8°C (<17° F)
Color	Clear, colorless
Scent	Vinegar-like

Directions for Use

Initial recommended dosing levels of 5 to 100 ppm as active peroxyacetic acid are suggested. A dosage of 2.6 fl. oz. per 1000 gallons of water yields approximately 5 ppm of peroxyacetic acid.

Storage

The Perasan[®] OG 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.

Packaging

5 gal (40 lb), 53 gal (490 lb), and 300 gal (2780 lb). Available in HDPE plastic pails, drums, and totes.

Important

Read and understand label and Safety Data Sheet (SDS) for complete listing of hazards, precautions, first aid statements, and storage and handling information. SDS are available from the distributor of this product. 24-Hour Emergency Response Line 1-800-424-9300.

Transport (DOT)

Peroxyacetic Acid, stabilized; Type F liquid; UN 3109, 5.2 (8), PGII

Product #39

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