



TECHNICAL DATA SHEET

Reorder No: 1003

AP PERA 15-22

Peroxyacetic Acid Solution

Applications

Food grade sanitizer used in the dairy, food and beverage processing industry for CIP pipeline cleaning, fruit and vegetable washing, and sanitizing. Appropriate for organic production sanitizing as approved by the NOP. It is also used in the treatment of cooling water, oilfield process water and wastewater. Additional uses are for slime and biofouling control in the pulp & paper industry, agricultural irrigation, dispersed pigments and coatings industries.

Properties

AP PERA 15-22 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. It ultimately degrades to oxygen, water, and acetic acid (vinegar).

Chemical Composition

AP PERA 15-22 is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

Physical Properties

Peracetic acid (% wt.)	14.8-15.7
H ₂ O ₂ (% wt.)	21.5-22.5
Acetic acid (% wt.)	15.8-16.6
Density 20°C (68°F), (g/ml)	1.14
Vapor Pressure (mbar), 20°C (68°F)	27
pH (10% solution), 20°C (68 °F)	<1
Flash Point (DIN 51584)	> 98° C (207° F)
Freezing Point	< -12° C (10° F)

Appearance

Clear, colorless liquid (pungent vinegar-like odor)

Storage

The AP PERA 15-22 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 1 year without notable losses of active oxygen if stored properly.

Packaging

5 gal (45 lb), 53 gal (500 lb), 300 gal (2840 lb)
Available in HDPE plastic pails, drums and totes.

Transport (DOT)

UN3109, Organic Peroxide Type F, Liquid (Peroxyacetic Acid), 5.2 (8) , PG II

EPA Number: 9162-3-83106

Algonquin Products Inc.
P.O. Box 87005 | Dartmouth, MA 02748
Phone: (770) 578-4240
www.algonquinproducts.com