

Tech Data

PERASAN® 15% (Peroxyacetic Acid Solution)

EPA # 63838-2

Applications	Used in the food and beverage processing industry as a sanitizer or disinfectant, and in the treatment of industrial cooling water, processing water and wastewater. Also, primary uses are for slime and biofouling control in the pulp & paper industry. Peroxyacetic acid solutions are also used for disinfection in human and veterinary applications including hospitals. Food contact is allowed by the FDA without a potable water rinse in accordance with 21 CFR §173.315, 40 CFR §180.1196, and 40 CFR §180.1197. In food contact situations, ENVIRO TECH is licensed to market peroxyacetic acid solutions (in most applications) under US patent #'s 5,674,538 and 5,409,713. However, ENVIRO TECH must be consulted and approve each food contact application in writing before the use of PERASAN® peroxyacetic acid products, to assure there are no unlicensed uses of this product.										
Properties	PERASAN® 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. In most cases, potable water rinsing is not necessary. It biodegrades to oxygen, water, and carbon.										
Chemical Composition	<p>PERASAN® is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water. It contains much higher levels of hydrogen peroxide and less acetic acid than other competitive products, which results in <i>superior performance</i>.</p> <table><tr><td>Peracetic acid (% wt.)</td><td>15-15.7%</td></tr><tr><td>H₂O₂ (% wt.)</td><td>22-23%</td></tr><tr><td>Acetic acid (% wt.)</td><td>15-16%</td></tr><tr><td>Stabilizer (% wt) (FDA Approved)</td><td><0.4</td></tr></table>	Peracetic acid (% wt.)	15-15.7%	H ₂ O ₂ (% wt.)	22-23%	Acetic acid (% wt.)	15-16%	Stabilizer (% wt) (FDA Approved)	<0.4		
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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 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 losses of active oxygen if stored properly.										
Packaging	5 gal (45 lb), 29 gal (270 lb) , and 53 gal (500 lb) plastic pails and drums.										
Transportation	Organic Peroxide, Type F, Liquid; 5.2, UN3109, PGII FOB Modesto, CA										

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