



OXYWAVE

DESCRIPTION:

OXYWAVE is a liquid sanitizer and disinfectant that is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients and water. Oxywave disperses and penetrates biofilms; kills bacteria, mold, fungus and yeast. It is very fast acting, is unaffected by hardness and soil; is non-foaming; does not contribute to taste, odor or color; and does not require a rinse. It is less affected by organic soil than either chlorine or quaternary sanitizers.

OXYWAVE 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. **OXYWAVE** is intended for use on non-porous food contact surfaces in dairies, wineries, breweries, food and beverage plants, poultry egg facilities and animal housing. It may also be used for non-porous surface disinfection in hospitals, schools, industrial facilities, office buildings and veterinary clinics. **OXYWAVE** provides bacteria, fungi and slime control in cooling water and evaporative systems, reverse osmosis and ultra filtration systems.

Other uses include:

- Sulfide oxidation and odor elimination.
- As a fog adjunct for high-level microbial control.
- As an additive for water that contacts meat, poultry, fruits and vegetables.

PROPERTIES:

Appearance:	Colorless liquid with a sharp, pungent vinegar-like odor.
Specific Gravity:	1.12
pH (10% solution):	< 1
Foam:	None
Metal Safety:	OXYWAVE is safe for use on aluminum, stainless steel 304 and 316, and tinned iron at concentrations up to 400 ppm (active peroxyacetic acid). Some attack may occur on galvanized iron, mild steel and copper. Consult your Madison Chemical Technical Representative for advice on materials of construction.

APPLICATION:

FOOD CONTACT SURFACES:

Prior to sanitizing with **OXYWAVE**, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse. Apply a solution of 1 – 2 ounces to 5 gallons of water (98 – 197 ppm active peroxyacetic acid) allowing the sanitizer to thoroughly wet surface for a minimum 60 seconds contact time. No rinse is needed. **OXYWAVE** is effective against the gram negative and gram positive organisms *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli* and *Listeria monocytogenes*.

NON-FOOD CONTACT HARD SURFACE DISINFECTION:

OXYWAVE disinfects as it cleans in one operation. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa* and *Escherichia coli* 0157:H7 at 1.5 ounces in 5 gallons hard water (400 ppm as CaCO₃) and 5% organic soil loading. For heavily soiled areas, a pre-cleaning step is required, followed by a potable water rinse.

Complete directions for these and other uses are on the EPA product label.

PRODUCT CAUTIONS:

Danger! Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through skin. Harmful if swallowed. Contains peroxyacetic acid, hydrogen peroxide and acetic acid. During use, always wear gloves, goggles and faceshield, and other appropriate chemical resistant gear.

OXYWAVE should be stored in a cool environment. Never store **OXYWAVE** outdoors in bright sunlight without protecting the tops from direct sun. Never return **OXYWAVE** solutions back to the original container once it is removed. The slightest contamination may degrade the product remaining in the drum, or may set off a decomposition reaction, which evolves oxygen and heat.

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PRODUCT CAUTIONS:

EMERGENCY FIRST AID:

EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN: Remove contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth. Call a poison control center or doctor for treatment advice.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.