



## Tech Data: PEROXY FOAM™ Foaming Cleaner

### Applications

Used in the dairy, food, poultry, wine and beverage processing industry for COP or foam cleaning of equipment and environmental surfaces. It has a very high oxidation potential and will break down proteins, fats, greases and biofilms readily. It is an outstanding chlorinated-alkaline foam replacement, and performs equivalently to other oxidative foaming products such as peroxyacetic acid (PAA). Typical use concentrations are 1-4 oz of PEROXY FOAM per gallon of dilution water, depending upon severity of cleaning and length of contact time allowed. This product is also an outstanding performer for foam application to poultry houses, meat processing, and dairy processing or beverage accounts.

### Properties

PEROXY FOAM is a very specialized cleaner-treatment that has a high oxidation potential and is very reactive to organics such as food residue, biofilms and proteins, and is convenient due to self-foaming characteristics, and is a single use product for all applications. It may be used in hot (up to 150 F) or cold water. The degradation products are oxygen, water, and does not add salt or conductivity to water discharges and it will not affect waste treatment pretreatment operations. All ingredients in PEROXY FOAM are GRAS (Generally Recognized As Safe), or have prior-sanctioned FDA approval for direct or indirect incidental food contact. PEROXY FOAM is non corrosive to aluminum and stainless steel..

### Chemical Composition

PEROXY FOAM is an equilibrium mixture of hydrogen peroxide, organic acids, and a food grade detergent and stabilizer.

H <sub>2</sub> O <sub>2</sub> (% wt.)	18-23
Stabilizer (% wt)	<0.4

### Physical Properties

Density 20°C (68°F), (g/ml)	1.05-1.06
Vapor Pressure 20°C (68°F), (mbar)	27
pH (10% solution, 20°C (68 °F)	<3
Sodium (% wt)	<0.2
Phosphates (ppm)	<20

### Appearance

Clear, colorless liquid

### Storage

**The PEROXY FOAM 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, dirt and alkali, must be avoided. This product is aggressive to yellow metals (brass and copper).

### Shelf Life

At least 6 months without notable losses of active oxygen if stored properly.

### Packaging

5 gal (45 lb), and 53 gal (460 lb) plastic pails and drums. 'Totes' are available.

### Transport (DOT)

UN2984, Hydrogen peroxide, aqueous solutions, 5.1, III

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