

# TECHNICAL DATA SHEET

## Promoat FV™

### Description:

Promoat FV™ is a peroxyacetic acid mixture approved by FDA for use as a processing aid under FCN No. 2266, formerly 1986. The product's intended use, as stated in FCN 2266, is as an antimicrobial agent in the production and preparation of fruits and vegetables. Final use concentration in process water used in washing or chilling fruits and vegetables is limited to 350 ppm PAA. Promoat FV™ delivers superior microbial efficacy against a wide range of microorganisms. Promoat FV™ kills pathogens through oxidation and extends product shelf-life by the immediate and dramatic reduction of food spoilage organisms. Promoat FV™ has shown to cause no organoleptic changes on treated food products. Additionally, Promoat FV™ is approved for organic processing and approved by the FDA and USDA.

### Physical Properties:

Appearance – Clear, colorless liquid  
Odor – pungent vinegar-like odor  
Solubility – Freely Soluble in water  
pH – <1  
Specific Gravity – 1.110 – 1.140  
Freezing Point – <-20 °C (-4°F)

### Directions for Use:

When used in process water or ice for washing or chilling fruits and vegetables, use at a rate of 0.20 to 1.18 fl. oz. per 5 gallons of water to attain 60 to 350 ppm of peroxyacetic acid. When used as intended, the components of the FCS mixture will not exceed 350 ppm peroxyacetic acid (PAA).

### Safety:

Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection, protective gloves and clothing of butyl or "Viton". Avoid release to the environment. Collect spillage. If skin irritation or rash occurs, get medical advice/attention. If inhaled, remove person to fresh air and keep comfortable for breathing. If in eyes, rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
Read Safety Data Sheet (SDS) before using this product.

### Storage and Transport:

Promoat FV™ container must be stored in an upright position. The storage area should be well ventilated and shaded from sunlight. Keep away from heat sources.

**DOT:** UN3109, ORGANIC PEROXIDE TYPE F, LIQUID (contains Peroxyacetic Acid, hydrogen peroxide), 5.2(8).