

TM

Wyandotte

PER-VAD

Trademark

Low Foaming Acid Rinse and Sanitizer Designed for

Use in Circulating Dairy Farm Pipelines and Bulk Tanks

Convenient -- Its liquid, low foaming properties make it ideally suited for automated clean-in-place pipeline systems.

Per-Vad can be manually or automatically fed from shipping container with mechanical feeding systems or liquid injection.

Effective -- Per-Vad is a multiple-purpose product. It controls mineral and milk stone films while providing effective sanitizing of lines and equipment. It works in hot or cold water and its sanitizing activity is not decreased by high levels of organic matter.

Economical -- The use of Per-Vad saves you money because it does the work of two products. It eliminates the need for additional acid rinsing.

Safe -- Per-Vad is non-corrosive to stainless steel tanks and equipment. Pipelines, tanks and utensils can be sanitized immediately after washing. Solution can be left in lines or tanks can be closed without the danger of corrosion.

Handwritten notes:
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10/24/73
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SAVE TIME AND MONEY - ACID RINSE AND
SANITIZE IN ONE STEP WITH PER-VAD

ACCEPTED

MAY 9 1974

UNDER THE FEDERAL PESTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PESTICIDE REGISTRATION
ED UNDER NO. 602-43 SUBJECT
TO ATTACHED COMMENTS.

RECEIVED
DEC 5 1973
Pesticide Registration
Division, EPA

USE DIRECTIONS

Pipeline

1. Rinse milking system with clear tap water until discharge is clear.
2. Prepare a wash solution in surge vat by adding 1/2 oz. of Interest or Aspect to each gallon of hot water (160°F.). Circulate for 10 minutes, then drain.
3. Rinse with an acidified rinse-sanitizing solution prepared by adding 1 oz. of Per-Vad to each gallon of clear tap water. Circulate 2 to 3 minutes. Drain and allow to air dry.
4. Sanitize, just prior to use, using a solution containing 200 ppm of Per-Vad (1 oz. per gallon of water).

Bulk Tank - Mechanical Cleaning

1. After milk has been removed rinse thoroughly with clear tap water.
2. Make necessary connections of tank washing apparatus. Prepare a wash solution in the tank by adding 1 oz. Interest or 3/4 oz. Aspect to each gallon of hot water (160°F.) that will be required. Close lids and circulate for 10 to 15 minutes. Brush wash outside with a solution of Kelochlor or over-spray. Dismantle valve and drain. Wash valve with solution flowing from the tank.
3. Rinse with an acidified solution prepared by adding 1 oz. of Per-Vad to each gallon of clear tap water required. Allow to air dry.
4. Sanitize, just prior to use, with a solution containing 200 ppm of Per-Vad (1 oz./gallon).

Washing Milking Machines and Other Utensils

1. Rinse thoroughly immediately after use, with clean tap water.
2. Prepare a solution by adding 1 oz. (2 tablespoonfuls) of Per-Vad to 3 gallons of hot (115°-125°F.) water in wash tank. Harder water may require a stronger solution, i.e., 1 oz. per 2 gallons of water.
3. Wash all parts of equipment, dismantling where necessary.
4. Rinse all equipment with clean tap water.
5. Rinse equipment with an acidified rinse prepared in the rinse vat by adding 1 oz. Per-Vad to each gallon of clear tap water. Allow to air dry.
6. Sanitize equipment just prior to use, using a solution containing 200 ppm of Per-Vad. Immerse utensils for complete contact. Allow to drain.

Manual Bulk Tank Washing

1. Immediately after emptying, rinse thoroughly with clean tap water.
2. Prepare a solution in a bucket using 4 oz. of Kelochlor for each gallon of hot (150°F.) water.
3. Brush bulk tank thoroughly with Kelochlor solution, keeping the valve closed. Brush agitator, shaft, and all covers and accessories.
4. Open outlet valve and brush. Wash as solution drains back into bucket. Use this solution to wash exterior of tank.
5. Rinse the tank thoroughly, inside and out, using clean tap water.
6. Rinse, inside and out, with an acidified rinse, using 1 oz. of Per-Vad to each gallon of water. A San-Spray unit is ideally suited for this application.



- 7. Sanitize, just prior to use, using a solution containing 200 ppm Per-Vad. Apply using either a pail and brush or San-Spray.

CAUTION:

Keep out of the reach of children. Harmful if swallowed. Causes skin and eye irritation. Avoid contact with skin and eyes. In case of contact, flush skin or eyes immediately with plenty of water. For eyes get medical attention. Avoid contact with food.



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