

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes severe skin burns and eye damage. May intensify fire; oxidizer. May be corrosive to metals. Harmful if swallowed. May be harmful in contact with skin. Toxic to aquatic life. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep/Store away from clothing/combustible materials. Do not eat, drink or smoke when using this product. Keep only in original container. Take any precaution to avoid mixing with combustibles. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician Wash contaminated clothing before reuse. In case of fire: Use water for extinction. Absorb spillage to prevent material damage. Store locked up. Store in a corrosive resistant container with a resistant inner liner. Dispose of contents/container in accordance with local regulations.

### Physical or Chemical Hazards

**Strong oxidizing agent.** Corrosive. Mix only with water. Product must be diluted in accordance with label directions prior to use. Whey-cide is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

### Environmental Hazards

Caution should be used when applying indoors because pets may be at risk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of the National Pollution Discharge System (NPDES) permit and the permitting authority has been notified in writing prior to discharge.

### Storage and Disposal

**Storage:** NEVER return this product to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, douse container with cool water and dilute this product with large volumes of water. Avoid damage to containers. Keep container closed at all times when not in use. **Keep container out of direct sunlight.** To maintain product quality, store at temperatures below 86°F.

**Procedure for Leak or Spill:** Stop leak if this can be done without risk. Shut off ignition sources: no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces.

**Disposal:** Concentrated product wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance. If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with all Local, State and Federal environmental laws, rules, regulations, standards, and other requirements. **Container Disposal:** >5 gallon plastic drums: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



# OXIDIZER!

# Whey-cide™

## (ANTIMICROBIAL SOLUTION)

### For Use In the Production of Whey Protein Concentrate/Isolate and Lactose

Wheycide is a peroxyacetic acid-based microbiocide developed for use in Federally Inspected dairy processing plants. If used as directed, it will reduce the incidence of bacteria and other microorganisms that cause contamination, spoilage and decay, as well as pathogenic organisms. Its use is acceptable for direct or indirect introduction into lactose or whey operations to make products that are intended for use as a food or beverage additive for human consumption. Since its use is intended as an indirect process additive, it does not need to be declared on any subsequent product labeling. In accordance with FDA Food Contact Notification #641 and #879, only Enviro Tech Chemical Services, Inc. or its authorized distributors are permitted to use peroxyacetic acid products for whey protein concentrate/isolate intended for human consumption. EPA labeling or approval is not required for this product's use in accordance with ARTCA, 1998 under FFDCA regulations #201(q)(1)(B)(i). The use of this product for this use is patent pending.

### INGREDIENTS

Peroxyacetic Acid, Hydrogen Peroxide, and Acetic Acid

Before Using This Product, Please Read This Entire Label Carefully.

## KEEP OUT OF REACH OF CHILDREN DANGER

### FIRST AID

**IF IN EYES:** HOLD EYE OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15-20 MINUTES. REMOVE CONTACT LENSES OF PRESENT AFTER THE FIRST 5 MINUTES, THEN CONTINUE RINSING EYE. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

**IF ON SKIN OR CLOTHING:** TAKE OFF CONTAMINATED CLOTHING. RINSE SKIN IMMEDIATELY WITH PLENTY OF WATER FOR 15-20 MINUTES. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

**IF SWALLOWED:** 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.

**IF INHALED:** 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.

**NOTE TO PHYSICIAN:** PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE.

### Directions For Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### For Use as an Antimicrobial Additive to Whey:

This product is designed to be used as an additive in whole or pasteurized whey used in the production of whey protein concentrate/isolate. It may be used anywhere in the production train system where microbiological growth may be problematic. Typically, this product is introduced to whey just prior to ultrafiltration.

The maximum amount of this product that may be dosed to the whey is 15 ppm, expressed as active peroxyacetic acid. Good results may be anticipated if the product is injected into the balance or holding tank that stores the whey in preparation for the ultrafiltration step. Various systems and equipment may vary in design, but a good average starting point for effective microbiological control is 4-5 ppm as active peroxyacetic acid.

### For Use as a Lactose Antimicrobial Wash Water Additive:

This product is designed to be used as an additive to the wash water used in lactose production. It may be used anywhere in the production train system where microbiological growth may be problematic. Typically, this product is used in the final lactose refining operations.

The maximum amount of this product that may be used is 30 ppm, (1 fl. oz. per 15 gal of solution) expressed as active peroxyacetic acid, just prior to the final solids/liquids separation before the drying process. Good results may be anticipated if the product is injected into the mother liquor return line to the refiners. Various systems and equipment may vary in design, but a good average starting point would be 15-20 ppm as peroxyacetic acid.

NOTE: 1 fl oz of this product per 45 gal of solution will yield 10 ppm as peroxyacetic acid.

### Manufactured By:

Enviro Tech Chemical Services, Inc.  
500 Winmoore Way, Modesto, CA 95358  
24 hr Emergency ChemTel Number: 1-800-255-3924



NET CONTENTS: 500 lbs

Lot #:

DOT: UN3098, Oxidizing liquid, corrosive, n.o.s. (contains hydrogen peroxide and peroxyacetic acid mixture, stabilized), 5.1(8), PG II

834-QA100 V3