PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER
CORROSIVE. Do not enter an enclosed area without proper respiratory protection. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Avoid swallowing or inhaling vapors or spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles and long-sleeved clothing and handle. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking tobacco. Remove contaminated clothing and wash before reuse.

PHYSICAL OR CHEMICAL HAZARDS
This is a flammable intermediate. Mix only with water at ambient (room) temperature. Product must be diluted in accordance with label directions prior to use. CHEMTRAT CL-4580 is not combustible; however, at temperatures exceeding 150°C, decomposition occurs, releasing oxygen. The oxygen released could initiate combustion.

ENVIRONMENTAL HAZARDS
This product is to be used in earth to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk. Do not discharge effluent containing this product into lakes, streams, ponds, rivers, canals, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting program has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewers systems without previously notifying the local sewage treatment plant authorities.

STORAGE AND DISPOSAL
Place the product of the original container to the 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 of decomposition, isolate container, dispose of container with cold water and delineate this product with large volumes of water. Store in a cool, dry, place in tightly closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 80°F.

Procedure for Leak or Spill: Stop leak if this can be done without risk. Shut off ignition sources: no flames, smoking, fires, or spark producing devices. Keep away from incompatible materials and waste. Wash spills with large amount of water. Unlabelled material should not enter confined spaces.

Post-Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse is a violation of Federal and State laws. Pesticide containers must be disposed of by the following methods:

- Clean container. Container proper by emptying. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Repeat the rinsing procedure, add water to fill it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container in a metal or wooden tank for 1 hour and with several hours. Empty the rinse into application equipment or a mix tank or store rinse tank for later use or discard. Repeat this procedure two more times.

Before using this product, please read this entire label carefully.

CHEMTRAT CL-4580

FOR USE IN ORGANIC PRODUCTION: CHEMTRAT CL-4580 IS A PEROXOCYCLIC ACID-BASED MICROBICIDE DEVELOPED FOR EQUIPMENT SANITIZING, AND DISINFECTING, AND BACTERIA, FUNGI, AND VIRUS KILLING IN THE FOOD AND BEVERAGE INDUSTRY. CHEMTRAT CL-4580 IS ALSO USEFUL IN RECREATING AND AGRICULTURAL WATER SYSTEMS.

ACTIVE INGREDIENT:
Peroxycycloc acid (15%)
Hydrogen Peroxide: 22%

EFFECTIVE CONCENTRATION: Mix only with water at ambient (room) temperature. Product must be diluted in accordance with label directions prior to use. CHEMTRAT CL-4580 is not combustible; however, at temperatures exceeding 150°C, decomposition occurs, releasing oxygen. The oxygen released could initiate combustion.

KEEP OUT OF REACH OF CHILDREN

DANGEROUS
- Call poison control center or doctor immediately for treatment advice.
- Do not aspirate spray mist.
- Do not induce vomiting except under medical supervision.
- Use protective gloves and eyewear.

IF SWALLOWED:
- Do not cause vomiting.
- If allowed to contact the skin, wash with plenty of water for 15 - 20 minutes.
- Call poison control center or doctor immediately for treatment advice.

IF ON SKIN OR CLOTHING:
- Take off contaminated clothing.
- Wash skin with plenty of water for 15 - 20 minutes.
- Call poison control center or doctor immediately for treatment advice.

IF IN EYES:
- Hold open eye and rinse slowly and gently with water for 15 - 20 minutes.
- Remove contact lenses, if present, after 5 minutes, further rinsing of eye for 15 - 20 minutes.
- Call poison control center or doctor immediately for treatment advice.

IF INHALED:
- Remove victim to fresh air.
- Call 911 or at ambulance, then give artificial respiration, preferably by mouth-to-mouth, or, if possible, use a face mask.
- Call poison control center or doctor immediately for treatment advice.

Have the product container labeled with use when calling a poison control center or doctor, or going for treatment.

You may also contact 1-800-842-5450 for emergency medical treatment information.

TO PHYSICIAN: Prone renal damage may contribute to the use of gastric lavage.

EPA REG. NO. 48522.3-3500

DIRECTIONS FOR USE
This is a solution of Federal law to use this product in a manner consistent with its label.

SANITIZATION
CHEMTRAT CL-4580 peroxycycloc acid sanitizer is recommended for use on preheated surfaces such as equipment, pipelines, tanks, vats, filters, evaporators, pasteurizers, and aspersing equipment in dairies, breweries, bottling and food processing/packing plants, and egg processing/packing equipment surfaces. This product is effective as a sanitizer when solution is prepared in water of up to 400 ppm hardness as CaCO3. This product has demonstrated greater than 99.99% reduction of Staphylococcus aureus and Enterococcus faecalis in the AOAC Detergent and Sanitizing Action of Disinfectants category.

SANITIZING FOOD CONTACT SURFACES
Sanitize with a concentration of 0.72 - 0.8% or CHEMTRAT CL-4580 dissolved to 10 gallons of water (150 ppm active peroxycycloc acid). Use immersion, course spray or circulation techniques as appropriate to the equipment. All surfaces should be impregnated with sanitizer solution for at least 15 - 60 seconds or more if specified by a governing code. Drain thoroughly and allow to air dry. Do not rinse.

SANITIZATION OF CONVEYERS AND EQUIPMENT FOR MEAT, POULTRY, SEAFOOD, FRUIT, NUTS AND VEGETABLES
This product is effective for sanitizinginaudible and gram positive organisms Staphylococcus aureus and Enterococcus faecalis. For use in the canning or continuous sanitizing of cans, jars, bottles and cans in the preheating of water, use a concentration of 0.72 - 0.8% or CHEMTRAT CL-4580 dissolved to 10 gallons of water (150 ppm active peroxycycloc acid). Use immersion, course spray or circulation techniques as appropriate to the equipment. All surfaces should be impregnated with sanitizer solution for at least 15 - 60 seconds or more if specified by a governing code. Drain thoroughly and allow to air dry. Do not rinse.

CONTROL OF SLIME FORMING BACTERIA AND BIOSPOURING IN CLOUDING WATER SYSTEMS (COOLING, EVAPORATION CONDENSERS, AIR WASHERS) AND ORNAMENTAL OR RECREATIONAL WATER FEATURES
Severely fouled systems should be cleaned before adding the CHEMTRAT CL-4580 solution. CHEMTRAT CL-4580 should be added in the water system directly, and not with makeup water or as a addition. Neoviser add this product into any feeding device, such as shot filters, filter lickers, bypass lines, feeders, or inoculation piping of any kind, because diaphragm action conception can occur. Discontinue the use of chlorine or bromine products prior to using CHEMTRAT CL-4580. Other chemicals could interact negatively, which product in product decomposition. Add CHEMTRAT CL-4580 to only at a water at a point in the system where any pre-existing chlorination will be washed out. For shock (slug) treatment for moderately to severely fouled systems add 5.2 - 6.5 g per 1000 gallons of process water (10 - 12 ppm of peroxycycloc acid) as a continuous treatment method. Continuous dosing methods usually require 1.5 - 3.5 g per 1000 gallons of process water (3 - 6 ppm peroxycycloc acid) to achieve adequate results. Intermediate dosing treatment usually requires doses of 1.0 mg/L per 100 gallons at every other day, up to 1 g per 24 hours. Continuous dosing methods can be used at 1 g per 24 hours. Continuous dosing methods are recommended. Air Washers: This product may be used to control bacteria and biofouling in industrial or water washing systems. combinations. All water must have operated and effective mist elimination systems. Prior to use of this product, heavily fouled systems must be pre-cleaned by the appropriate chemical. Continuous dosing methods will require 2 - 7 ppm and intermittent dosing methods require 7 - 14 ppm of peroxycycloc acid (depending, on the type of system and the level of microbiological control desired). TREATMENT OF FRUIT AND VEGETABLE PROCESS WATER SYSTEMS
CHEMTRAT CL-4580 can be used in water or in solution that contains raw or food, because the product is stored under refrigerated conditions.

FIELD CONTINUOUS OR SPRAY SYSTEM PROCESSORS: Fill vessels containing fruits and vegetables with known amount of water. Ensure that water is circulating in vessel if required. Permeate water into product at rate of less than 500 ppm (500 g/1000 ppm) total product (40 ppm residual peroxycycloc acid) to the use solution. This can be achieved with this package up to 1000 ppm of process water (1000 g/1000 ppm) of process water (1000 g/1000 ppm) of process water. The fruits and vegetables can be continuously sprayed (using coarse spray) or submerged in water for 15 minutes. Submergence affects the entire plant. This product to maintain the required concentration may be added as necessary. It is also recommended to apply this product during the washing, chilling, or physical cleaning process, including the roller-bedder, washer or washer washers, fruit and vegetable washers. Continuous and intermittent systems require extra efficiency. A practicable water is not required.

Residual application of peroxycycloc acid is a combination of ozonated water and antifouling methods. This can be used to provide the disinfection of the residual solution does not exceed those prescribed in this section (1.0 g per 14.6 g of water). A possible water rinse, or subsequent antifouling wash using this product as prescribed above necessary after each wash. Continuous ozonation or fogging devices are recommended. Vacate the seas of all personnel prior to and after fogging until the final concentration is below 1.0 ppm, or there is not strong odor present, characteristics of acetic acid.