

70060-10

6-5-2002

1/6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

June 5, 2002

Ana Rodriguez-Koster
Agent for Engelhard Corp.
Engelhard Corporation
101 Wood Ave.
Iselin, NJ 08830

Subject: Aseptrol WTS-F7 Sachet
EPA Registration No. 70060-10
Notification per PR Notice 98-10

Dear Ms. Rodriguez-Koster:

This will acknowledge receipt of your notification, to add the phrase "Sodium Chlorite in this product is from Spain" to comply with the requirements of the US Customs, and the graphic symbol for the Aseptrol logo, submitted under provisions of FIFRA section 3(c) 9. Based on review of the submitted material the following comments apply.

The label changes are acceptable and have been made a part of the file for this product.

Sincerely,

Wanda Mitchell
Product Reviewer- Team 32
Regulatory Management Branch II
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL	7510C						
SURNAME	Mitchell						
DATE	06-5-02						

2/6

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



EPA

United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other: NOTIFICATION

OPP Identifier Number
265394

Application for Pesticide - Section I

1. Company/Product Number 70060-10	2. EPA Product Manager Robert Brennis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Aseptrol WTS-F7 Sachet	PM# Team 32	
5. Name and Address of Applicant (Include ZIP Code) Engelhard Corporation 101 Wood Ave. Iselin, NJ 08830 <u>PLEASE SEND ALL CORRESPONDENCE TO "CONTACT POINT" LISTED BELOW</u> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

- Amendment - Explain below.
- Resubmission in response to Agency letter dated _____
- Notification - Explain below.
- Final printed labels in response to Agency letter dated _____
- "Me Too" Application
- Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

ADDITION OF THE OPTIONAL TEXT "SODIUM CHLORITE IN THIS PRODUCT IS FROM SPAIN" AND ASEPTROL LOGO

Notification of ADDITION OF OPTIONAL TEXT AND LOGO in Accordance With PR Notice 98-10

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Signature: Ana Rodriguez-Koster Date: 5/17/02

Section - III

1. Material This Product Will Be Packaged in:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Ana Rodriguez-Koster, Lewis & Harrison, 122 C St. NW, #740, Washington DC 20001	Title Agent for Engelhard Corp.	Telephone No. (include Area Code) (202) 393-3903 x.17
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <u>Ana Rodriguez-Koster</u>	3. Title Agent for Engelhard Corp.	
4. Typed Name Ana Rodriguez-Koster	5. Date 5/17/2002	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

(If container size is 5 gallons or greater, use the following statements:)

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

(If the container size is 5 gallons or less, use the following statement.)

This pesticide is toxic to fish and aquatic organisms.

**PHYSICAL OR CHEMICAL
HAZARDS**

Sodium chlorite is a strong oxidizing agent. Keep away from flames and heat. Do not mix with any other chemicals.

ASEPTROL WTS-F7 SACHET

SPS Technology for Generating Chlorine Dioxide Solutions

**FOR USE IN THE CONTROL OF BACTERIAL SLIME AND FUNGI
IN WATER SYSTEMS AND ODOR-CAUSING ON
ENVIRONMENTAL SURFACES**

Active Ingredient:
Sodium Chlorite..... 20.0%
Inert Ingredients..... 80.0%
Total..... 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if 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:	<ul style="list-style-type: none"> • 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 70060-10
EPA Est. No. 9150-RI-01

NET CONTENTS: _____

Manufactured for:
Engelhard Corporation
Iselin, NJ



[Asseptrol® is a [Registered] Trademark of the Engelhard Corporation]
[Sodium Chlorite in this Product is from Spain]

**NEW! Patented Technology (Pending)
Single-Use Sachet**
Deodorizes
Kills Odors
Convenient
Easy to Use
Fast Acting
Effective Results
Long Lasting

DIRECTIONS FOR USE

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

Aseptrol WTS-F7 Sachet is a shelf-stable powder contained in a tyvek sachet. When placed in water, the sachet releases free molecular chlorine dioxide. Chlorine dioxide can be used to kill odors and associated bacteria. Chlorine dioxide will destroy compounds responsible for unpleasant odors, like hydrogen sulfide, organic sulfur, mercaptans, organic amines, petroleum distillates, synthetic fragrances and odors from mildew, tobacco smoke, spoiled meats, produce and other animal/human/food waste.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry, well-ventilated area. Do not store at elevated temperatures. Discard used sachet in trash.

NOTICE: Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with the sale of this product either expressed or implied, including but not limited to the warranties of fitness for a particular purpose or use.

• All text in brackets [xxx] is optional and may or may not be included on a final label.

3/4

Cooling and Warming Waters in Food Processing

Plants

Use *Aseptrol WTS-F7* to control odor and reduce bacterial slime and microbial growth in cooling and warming waters such as canning, retort and pasteurizer process waters.

Before application, and when possible, clean all tanks, tunnels, conveyor chains, heat exchange towers, lines, spray bars and nozzles using clean, potable water. Completely rinse all surfaces.

Prepare a use-solution by adding one (1) *Aseptrol WTS-F7* gram ClO₂ sachet to each 1000 gallons of system water to be treated (0.5 ppm free ClO₂). Allow the sachet to remain in the water for 4 hours then remove the used sachets and discard in trash.

Fruit and Vegetable Process Water Rinse

Use *Aseptrol WTS-F7* to control odor build-up and bacterial slime and reduce microbial growth in process waters used for rinsing fruits and vegetables and associated tanks, flumes and lines.

Prior to use, and when possible, all tanks, flumes and lines should be thoroughly cleaned with a suitable detergent and completely rinsed.

Prepare a use-solution by adding four (4) *Aseptrol WTS-F7* 2 gram ClO₂ gram sachets, in a clean plastic container, for each 1000 gallons of rinse water to be used (2 ppm free ClO₂). Allow the sachet to remain in the container for 4 hours then remove the used sachet and discard in trash. Chill tanks or vegetable rinse tanks may be batched loaded at start up with the ClO₂ use-solution.

Cut Flower Life Extender

Use *Aseptrol WTS-F7* to extend the life of cut flowers. Prepare the flowers by cutting each stem diagonally with a new cut to expose maximum fresh surface. Then prepare a use-solution by dissolving one (1) *Aseptrol WTS-F7* 375 mg sachet in 20 gallons of tap water (5 ppm of free ClO₂) at about 90°F. Allow to react for 4 hours, then mix; remove the used sachet and discard in trash. Completely immerse the stems in the use solution up to the flowers for 4-12 hours. If desired, the flowers may then be rearranged into different containers using the same solution to prolong the life of the flowers. If the flowers are being freshly cut, carry the warm ClO₂ solution with you and immerse the stems completely after cutting for 4-12 hours and rearrange.

Poultry Houses

Use *Aseptrol WTS-F7* to improve taste, control odor and reduce microbial growth in poultry water supply systems.

If the water system is badly fouled with biofilm, add two (2) *Aseptrol WTS-F7* 2 gram ClO₂ sachets per 1,000 gallons of poultry drinking water (1 ppm free ClO₂). Allow the sachet to remain in the water for 4 hours then remove the used sachet and discard in trash. After 24 hours, the addition rate can be reduced to 0.5 ppm ClO₂, by adding one (1) *Aseptrol WTS-F7* gram ClO₂ sachet per 1000 gallons of poultry drinking water (allow the sachet to remain in the water for 4 hours; then remove the used sachet and discard in trash).

If the microbial contamination of the water is eliminated by this rate of addition, then concentration of ClO₂ can be reduced to 0.2 ppm free ClO₂ (two *Aseptrol WTS-F7* 2 gram ClO₂ sachets per 5,000 gallons of water). If the microbiological control of the water is not adequate at 1 ppm ClO₂, then add 1.5 ppm free ClO₂ to the poultry drinking water (3 *Aseptrol WTS-F7* 2 gram ClO₂ sachets per 1,000 gallons of water).

Stainless Steel Transfer Lines, Hydrocoolers and Pasteurizers

Use *Aseptrol WTS-F7* to control the build-up of odor and bacterial slime in stainless steel transfer lines, hydrocoolers, pasteurizers and on-line equipment.

Prior to use, clean equipment or line thoroughly using a suitable detergent followed by a clean, potable water rinse.

Prepare a use-solution by adding two (2) *Aseptrol WTS-F7* 10 gram ClO₂ sachets to potable make-up water for each 1000 gallons of volume in lines and/or equipment (5 ppm free ClO₂). Allow the sachet to remain in the water for 24 hours; then remove the used sachet and discard in trash. Mix and fill lines and equipment overnight and then drain and allow to air dry just prior to starting the next run.

Waterbath Incubator

Use *Aseptrol WTS-F7* to control odor and bacterial slime in waterbath incubators.

Prior to use, thoroughly clean and disinfect the reservoir. Then fill the waterbath with clean, potable water to near capacity. For every 10 gallons of water, add two (2) *Aseptrol WTS-F7* 375 mg ClO₂ sachets (20 ppm free ClO₂). Allow the sachet to remain in the water for 4 hours then remove the used sachet and discard in trash. When waterbath becomes cloudy, discard water and repeat procedure.

Steam Autoclaves

Use *Aseptro WTS-F7* to control odors resulting from the sterilization of spent biologicals in steam autoclave. Prepare a use-solution by placing one (1) *Aseptrol WTS-F7* 375 mg ClO₂ sachet per gallon of working solution into a clean glass or plastic container and mix (100 ppm free ClO₂). Allow the sachet to remain in the container for 4 hours then remove the used sachet and discard in trash. The use-solution should be sprayed or poured directly into the stainless steel autoclave buckets.

Animal Holding Rooms, Sick Rooms, Morgues and Work-Rooms

Use *Aseptrol WTS-F7* to control odor-causing bacteria in animal holding rooms, sick rooms, morgue and work-rooms. Areas to be deodorize should be in a clean condition prior to application.

Prepare a use-solution by adding one (1) *Aseptrol WTS-F7* 375 mg ClO₂ sachet per gallon of working solution into a clean glass or plastic container (100 ppm free ClO₂). Allow the sachet to remain in the container for 4 hours; then remove the used sachet and discard in trash. Apply by spraying the use-solution, using a suitable spraying device, on walls, ceilings, and floors, lightly dampening all surfaces.

Animal Rearing and Confinement Facilities

Use *Aseptrol WTS-F7* to control the build-up of odor and slime-forming bacteria in animal confinement areas. Prior to use, remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, cases and other facilities and fixtures occupied or traversed by animals. Then thoroughly clean all surfaces with soap or detergent and rinse with clean water.

Prepare a use-solution by adding one (1) *Aseptrol WTS-F7* 2 gram ClO₂ sachet per into a clean plastic pail and ten (10) gallons of clean potable water (50 ppm free ClO₂). Allow the sachet to remain in the pail for 4 hours then remove the used sachet and discard in trash. Apply using a commercial sprayer. Make sure that all surfaces are saturated.

Litter Boxes, Carpets and Concrete Floors

Use *Aseptrol WTS-F7* to control animal odors in litter boxes and on carpets and concrete floors.

For litter boxes: Wash out litter boxes with a suitable detergent and rinse with clean, potable water. Then soak overnight in a solution of one (1) *Aseptrol WTS-F7* 375 mg ClO₂ sachet per 2 gallons of water (50 ppm free ClO₂). Remove the used sachet and discard in trash.

For carpets: Add two (2) *Aseptrol WTS-F7* gram ClO₂ sachet to either 100 gallons of rug shampoo mix or 100 gallons of rinse water (10 ppm free ClO₂). Allow the shachet to remain for 4 hours; then remove the used sachet and discard in trash. Shampoo carpet and then allow to air dry. Note: ClO₂ may bleach some carpets and fabrics especially if applied on top of another chemical agent. Do not apply until a sample test has been tried and observed for at least 24 hours.

For concrete floors: Clean floor thoroughly using a suitable detergent then rinse with clean water. Prepare a use solution, by placing one (1) *Aseptrol WTS-F7* 375 mg ClO₂ sachet in one gallon of water (100 ppm free ClO₂). Allow the sachet to remain in the water for 4 hours; then remove used sachet and discard in trash. Mop or spray solution liberally onto floor.

For treating animal odors with high-levels of ammonia: Wash area thoroughly with a suitable detergent and rinse with clean water. Prepare a use-solution by placing one (1) *Aseptrol WTS-F7* 375 mg ClO₂ sachet in one gallon of water (100 ppm ClO₂). Allow the sachet to remain in the water for 4 hours; then remove the used sachet and discard in trash. Mop or spray solution liberally onto area. Allow to air dry. Additional applications may be necessary.

Secondary Oil Recovery Operations

Use *Aseptrol WTS-F7* to prevent corrosion and control bacterial slime in oil wells during secondary recovery operations.

Add eight (8) *Aseptrol WTS-F7* 10 gram ClO₂ sachets per 100 gallons of working solution and allow to stand for 24 hours in a closed container. Then remove the used sachets and discard in trash. Proportion 1 part of this solution for each 75 parts of reinjected water (2.7 ppm free ClO₂). Monitor microbial content of the water and increase or decrease the addition rate of the working solution as necessary.

6/6

Municipal Well Waters

Use *Aseptrol WTS-F7* to assist in the removal of odors and tastes from municipal well waters. Add two (2) *Aseptrol WTS-F7* 2 gram ClO₂ sachets per 1000 gallons of water (1 ppm free ClO₂).

Stored Potable Water

Use *Aseptrol WTS-F7* to control build-up of bacterial slime and odor-causing bacteria and to enhance the taste of stored potable water.

Prior to treatment of potable water, thoroughly clean and disinfect the water storage system to ensure a sanitary condition. Then thoroughly rinse with clean, potable water. Potable water should be treated at a rate of two (2) *Aseptrol WTS-F7* 5 gram ClO₂ sachets per 100 gallons of potable water (2 ppm free ClO₂). Allow the sachet to remain in the water for 4 hours then remove the used sachet and discard in trash. Note that water storage tanks should be sufficiently sealed to prevent outside contamination and direct sunlight. Using an IDI test kit, confirm that the residual ClO₂ does not fall below 1 ppm.

Cooling Water Systems

Use *Aseptrol WTS-F7* to control bacterial slime in cooling water systems.

Add one (1) *Aseptrol WTS-F7* 5 gram ClO₂ sachet per 1000 gallons of cooling water every week (1.3 ppm free ClO₂). Allow a 4-hour reaction time and then discard the used sachet. Depending on the degree and type of contamination, addition frequency may be reduced to every 2-3 weeks when contamination is under control.

Papermill Slimicide

Use *Aseptrol WTS-F7* to control bacterial and fungal slime and tar and pitch spots in papermill white water systems.

Add three (3) *Aseptrol WTS-F7* 10 gram ClO₂ sachets per ton of paper produced.

Water Based Cutting Oils

Use *Aseptrol WTS-F7* to control bacterial slime, odor-causing bacteria and to reduce microbiological growth in water-based cutting oils.

For batch treatment, add ten (10) *Aseptrol WTS-F7* 10 gram ClO₂ sachets per 1,000 gallons (25 ppm free ClO₂) to a fresh system. Allow the sachet to remain in the cutting oil for 4 hours; then remove the used sachet and discard in trash. Repeat weekly or on first indication of increased bacterial slime contamination (odor, slime or bacterial count).

For continuous treatment, add one (1) *Aseptrol WTS-F7* 10 gram ClO₂ sachet per 1,000 gallons (2.5 ppm ClO₂) per day used in the system. Allow the sachet to remain in the cutting oil for 4 hours; then remove the used sachet and discard in trash.

For badly contaminated systems, slug-dose system with two (2) *Aseptrol WTS-F7* 10 gram ClO₂ sachets per 1,000 gallons of cutting oil (5 ppm ClO₂). Allow the sachet to remain in the cutting oil for 4 hours; then remove the used sachet and discard in trash. Then start with the continuous procedure described above.

Weekend Shutdowns, add two (2) *Aseptrol WTS-F7* 5 gram ClO₂ sachets per 100 gallons of oil capacity to cutting oil sump and allow to react for 12 hours in a closed container before shutdown. Discard the used sachet in trash.

Commercial Water Filtration Systems, Sand Beds, and

Charcoal Filters

Use *Aseptrol WTS-F7* to inhibit the growth of bacterial slime in commercial water filtration systems, sand beds, and charcoal filters.

Carefully back-flush filters with potable water where possible to remove any accumulated solid residue and contamination and then fill system with potable water. Add two (2) *Aseptrol WTS-F7* 2 gram ClO₂ sachets per 100 gallons (10 ppm ClO₂) of filter system volume to the access hatch and circulate the system for 8 hours. Remove the used sachet and discard in trash. Bring the ClO₂ concentration back to 10 ppm, if it falls below 7.5 ppm. Circulate the solution for one (1) additional hour, discharge and then water wash the filter for 30 minutes with potable water to remove ClO₂.