

70060-10

10-26-2000

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.)</i>	EPA REGISTRATION NO. 70060-10	DATE OF ISSUANCE OCT 26 2000
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Asprol WTS-F7 Sachet	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Engelhard Corporation
 101 Wood Avenue
 Iselin, NJ 08830-0770

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similiar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 70060-10" to your label before you release the product for shipment
 - b. Revise the "Environmental Hazards" statement to read: 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 System (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

ATTACHMENT IS APPLICABLE

(page 1 of 2)

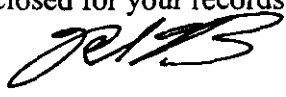
SIGNATURE OF APPROVING OFFICIAL

DATE

c. Revise the "The Statement of Practical Treatment" per PR Notice 2000-3 dated April 11, 2000.

Submit one copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Robert S. Brennis 
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510C)

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. 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 product 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 Ingredients80.0%
Total.....100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If Swallowed: Call a 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 by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

If in Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

See Side Panel For Additional Precautionary Statements

E.P.A. REG. NO. 70060-_____
E.P.A. EST. NO. 9150-RI-01

NET CONTENTS: _____

Manufactured for:
Engelhard Corporation
Iselin, NJ

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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 26 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
engendered by the pesticide
registered under EPA Reg. No. 70060-10

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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* 2 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 batch 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 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 discarded 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 container 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* 2 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, the 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.

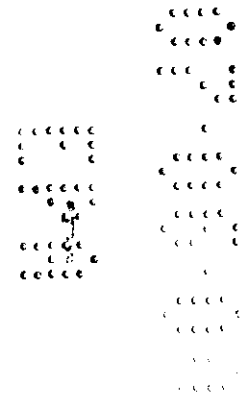
Prior to use, clean equipment or line thoroughly using a suitable detergent followed by a clean, potable water rinse.

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.

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and Fungicide Act as
for the pesticide
registered under EPA Reg. No. 70060-10



Waterbath Incubators

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 *Aseptrol WTS-F7* to control odors resulting from the sterilization of spent biologicals in steam autoclaves. 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, morgues and work-rooms. Areas to be deodorized 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 boxers 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* 2 gram ClO₂ sachet to either 100 gallons of rug shampoo mix or 100 gallons of rinse water (10 ppm free ClO₂). Allow the sachet 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.

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in EPA Letter Dated:

OCT 26 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act of
1947, as amended, for the pesticide
registered under EPA Reg. No. 70060-00

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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 Slicicide

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 microbial 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 contamination 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.

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and Medicines Act as
for the Pesticide
under EPA Reg. No. 70060-10