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U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (25 26)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
4737-190
TERM OF ISSUANCE

DATE OF ISSUANCE
SEP 18 1991

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
*(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)*

NAME OF PESTICIDE PRODUCT
Formulation: 33.1% Wettable Granule
Sulfentrazone (14,000)

NAME AND ADDRESS OF REGISTRANT (include ZIP codes)

West Chemicals, Inc.
970 East 21st Street
Dunfrieson, IN 46734

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 endorsement 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 registration is subject to the conditions of registration set forth in 40 CFR 155.201 and 155.202, which are hereby incorporated by reference into this registration.

1. You must use all labels on other portions of containers for registration of your product under 40 CFR section 155.201 and 155.202, except when the Agency grants all registrants of similar products to submit such labels.

2. All the above "EPA Registration No. 4737-190" is your label. Before you release the product for shipment.

3. Submit a copy of your final printed labeling before you release the product for shipment. Refer to the A-29 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 40 CFR section 155.203. Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

John A. Lee
John A. Lee

Product Manager (11)
Antimicrobial Program Branch
Registration Division (252602)

BEST AVAILABLE COPY

BEST AVAILABLE COPY

The Enclosure:
 ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: _____ DATE: _____

Hot

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FORMULATION HS-1210 DISINFECTANT/SANITIZER (14.08%) germicide and deodorant

Pseudomonas, *Staphylococci*, *Fungi*, *Sida*, *Vivucidal*

DISINFECTANT - 280 2 OUNCES PER GALLON OF WATER
SANITIZER - 980 2 OUNCES PER 100 GALLONS OF WATER
SANITIZER - 980 2 OUNCES PER 10 GALLONS OF WATER

DIRECTIONS FOR USE

In a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL USE DIRECTIONS FOR DISINFECTING: For use on porcelain, hard, nonporous surfaces such as fixtures, walls, metal surfaces, stainless steel surfaces, stainless steel fixtures, etc. Thoroughly wet all surfaces with a solution of 2 ounces of disinfectant per gallon of water. The solution remains on the surface for a minimum contact time of 10 minutes. A one-to-one ratio can be applied with a cloth, sponge, mop, trigger sprayer, or by spraying. The use solution is prepared fresh for each use. After contact with the solution, all surfaces should be washed with clean water and then rinsed thoroughly with clean water. Do not use on porous surfaces.

TO CONTROL MOLD AND MILDEW: To control mold and mildew on porcelain, stainless steel, etc. wash with clean water from the surface. Then apply 2 fluid ounces of disinfectant to 2 gallons of water. Apply to trigger sprayer or as an aerosol to the affected area. Repeat application every 7 days to control recurrence of growth.

FISHBAY, MILK, CHICKEN, ICE CREAM & POTATO PROCESSING PLANTS: Apply disinfectant to all surfaces on which and floors will produce or eliminate odors of the processing plant. Use only the equipment to remove or eliminate odors in the processing plant and floor in accordance with manufacturer's equipment and instructions.

POK SANITIZING AND CONTACT SURFACES: For use on porcelain, hard, nonporous surfaces such as chrome, brass, copper, iron, steel, zinc, and galvanized pipes. For hard to reach areas, remove pins and putty for washing and spraying the surface. Rinse with potable water after application of sanitizing solution. The use of disinfectant at 1/1000 gallon of water for a minimum contact time of 10 minutes on a regular basis can be applied with a cloth, sponge, mop, trigger sprayer, or by spraying. Thoroughly wet all surfaces. The recommended use solution is prepared fresh for each use. Do not use on porous surfaces. Do not use on the machinery of processing plants. Use solution may not be reused for sanitizing applications.

Be sure use area is free of odorably decomposed meat and poultry plants and other animal products. Packaging materials must be removed from the room as soon as possible. A potable water source is not required following use of this compound on porous surfaces. Be sure surfaces provided that the surfaces are adequately drained before contact with food or that no residue remains.

RESTAURANT AND BAR USE: For use as a sanitizer on dishes, glassware, etc. Wash, including inside, wash with detergent, rinse thoroughly and apply use as a solution of 2 ounces per 10 gallons of water for at least 1 minute. Drain thoroughly. Do not use.

BEVERAGE PLANTS: For sanitizing of bottling or pre-mix dispensing equipment, etc. Clean thoroughly. Rinse equipment with cold or hot water. Fill equipment with solution of 2 ounces per 10 gallons of water (200 ppm of quat). Allow the solution to remain in contact with equipment for at least 1 minute or until operators resume at which time the sanitizing solution should be drained from the system. To ensure the removal of flavor, it is suggested that during changeover between products the system should be cleaned, rinsed and flushed with the sanitizing solution for at least 1 minute. A one-to-one ratio is typically 1/1000 gal.

A concentrated, multi-purpose germicide and deodorant effective in 5% organic matter. Disinfects and deodorizes in one labor saving step. Recommended for use in hospitals, nursing homes, schools, colleges, veterinary clinics and animal life science laboratories, equine farms, tack shops, pet shops, airports, terminals, hotels and motels, poultry and turkey farms, dairy farms and hog farms, boarding and grooming establishments, and specially equipped meat and poultry plants.

Recommended at 1:250 dilution (2 ounces per gallon of water) against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Salmonella choleraesuis* according to ACAC Test Division Test method, included in the presence of 5% organic matter. (See reference sheet for complete list of pathogenic organisms.)

Effective against *Trichophyton mentagrophytes* and *Candida albicans* according to the ACAC fungistat test, used first in the presence of 5% organic matter at a 1:250 dilution. Active against *Bacillus thuringiensis*, *Acetivibrio thuringiensis*, and *Neisseria meningitidis* according to the virucidal questionnaire included in the presence of 5% organic matter at a 1:250 dilution.

ACTIVE INGREDIENTS	
Diketol dimethyl ammonium chloride	5.44%
4-Aminol, 2, 2', 4', 4'-tetrahydroxy-1, 3-bis(4-aminophenoxy)ethane	5.64%
1, 3-bis(4-aminophenoxy)ethane	5.58%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panel for additional precautions and physical treatment instructions.

EPA Registration #4771
EPA Establishment #4771 IN 01

See Container _____

HRS Chemical Division
930 East Lynn Street, Huntington, Indiana 46780
(317) 256-8573

ACCEPTED

SEP 18 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registration number 4771-1 (1991)

SANITARY FILLING: R...
...application. The prod...
...washer or container...
...200 ppm active quat should...
...clothing machine.

STORAGE TANK SANITIZING: R...
...washing tanks. A solution...
...concentration with adequate...
...mechanical operation or a...
...method for sanitizing but not...
FOR SANITIZING IN PROCESSING PLANTS: R...
...or eliminate odors in the p...
...business associated with co...

STATEMENT OF PRACTICE: R...
...to use in contact with...
...equipment. For extra call a p...
...water. Avoid alcohol. Call...
NOTE TO PHYSICIAN: R...
...except. Measures against co...
...be needed.

PRECAUTIONARY STATEMENTS: R...
...DANGER
...Caution eye and...
...environmental clothing before...
...handling. Wash thoroughly...
...environment. Avoid contact...
ENVIRONMENTAL HAZARD: R...
...This pesticide is toxic to fish...
...do not discharge into lakes, r...
...SPECS permit. For guid...
...Pesticide Agency. Form...
...germicide. Do not mix with...
...other.

STORAGE

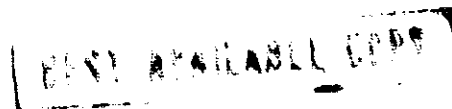
PROHIBITIONS: R...
...Do not contaminate water...
...polluted. Do not reuse or...
PESTICIDE DISPOSAL: R...
...Wastes resulting from the...
...approved waste disposal fac...
CONTAINER DISPOSAL: R...
...PLASTIC CONTAINERS
...Triple rinse (or equivalent)...
...dispose of in a sanitary land...
...fill by burning. If burned, stay...
FIBER DRUMS WITH LEAKS: R...
...Completely empty liner by...
...particles. Empty inside lin...
...liners by incineration...
...environment and cannot be...
METAL CONTAINERS: R...
...Triple rinse (or equivalent)...
...dispose of in a sanitary lan...
...substance.

1. Remove all poultry and feeds from premises, trucks, coops, and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried.
7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

(Refer to label for precautionary and practical treatment statements.)
EPA Reg. No. 47371

FARM PREMISE DISINFECTANT

Directions for Use



1. Remove all animals and feed from premises, vehicles, and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

CITRUS CANCKER CONTROL

For prevention of Citrus Canker Disease through treatment of equipment. Effective against *Xanthomonas campestris* pv. *vesicatoria* (Citrus Canker Disease) at 2000 ppm active quat. Treat all equipment thoroughly at a dilution ratio of 1:25 (2000 ppm active quat). Treatments can be applied to field equipment, outer clothing, shoes, vehicles, tires, and any other equipment taken into infested areas. To prevent the spread of Citrus Canker by this artificial means of transportation, treatments are made by trigger spraying, dipping, or brushing, using a maximum rate of 2000 ppm quat. Clothing should be either thoroughly rinsed or laundered before reuse. Footwear should be rinsed before reuse.

2/04/1

Formulation HS-1210 Disinfectant/Sanitizer (14.08%)

(Reference Sheet)

BACTERICIDAL AGAINST:

Effective against the following according to the AOAC Use-Dilution Test, modified in the presence of 5% organic serum.

- Pseudomonas aeruginosa*
- Staphylococcus aureus*
- Salmonella choleraesuis*
- Escherichia coli*
- Salmonella typhi*
- Serratia marcescens*
- Klebsiella pneumoniae*
- Streptococcus pyogenes*
- Shigella flexneri*
- Proteus mirabilis*
- Staphylococcus aureus phage 80*
- Staphylococcus aureus phage 81*
- Enterobacter aerogenes*
- Mycoplasma gallisepticum*
- Listeria monocytogenes*
- Pseudomonas putida*
- Aeromonas salmonicida*
- Vibrio anguillarum*

Effective against the following according to the AOAC Germicidal & Detergent Sanitizer Test, modified in the presence of 800 ppm water hardness (calculated as CaCO₃)

- Staphylococcus aureus*
- Escherichia coli*

FUNGICIDAL & MILDEWCIDAL AGAINST:

Effective against the following according to the AOAC Use-Dilution Test, modified in the presence of 5% organic serum.

- Aspergillus flavus*
- Aspergillus fumigatus*
- Aspergillus glaucus*
- Candida albicans*
- Trichophyton interdigitale*
- Alternaria tenuis*
- Geotrichum candidum*
- Penicillium digitatum*
- Phytophthora infestans*
- Trichoderma harzianum*
- Fusarium oxysporum*
- Rhizopus nigricans (stolonifer)*

VIRUCIDAL AGAINST:

Effective against the following according to the virucidal qualifications modified in the presence of 5% organic serum.

- Bovine rhinotracheitis virus
- Avian infectious Bronchitis virus
- Newcastle virus