



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 19, 2016

Cindy Valla
Regulatory Specialist
West Agro
11100 North Congress Avenue
Kansas City, Missouri 64153

Subject: Label and CSF Notification per PRN 98-10 – Minor Changes
Product Name: Extract-2
EPA Registration Number: 4959-47
Application Date: June 9, 2016
Decision Number: 519077

Dear Ms. Valla:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

The CSFs submitted with your application have been stamped “Notification” and placed in our files.

Please note that the record for this product currently contains the following CSF:

- Basic CSF, dated: June 9, 2016

Any CSFs other than those listed above are superseded/no longer valid.

If you have any questions, please contact Killian Swift at 703-308-6346 or by email at Swift.Killian@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Wanda J. Fuller, for". The signature is written in a cursive style.

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs



PRECAUTIONARY STATEMENT
HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes skin burns. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing vapors. Vacate poorly ventilated area as soon as possible. Do not reenter until odors have been dissipated.



Physical and Chemical Hazards: STRONG OXIDIZING AGENT. Mix only with warm water according to label directions. Mixing this product with gross filth such as feces, urine, etc. or with ammonia, acids, detergents, or other chemicals may release hazardous gasses, irritating to eyes, lungs, and mucous membranes.

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 other waters unless in accordance with 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN MANNER INCONSISTENT WITH ITS LABELING.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

PRE-TREATMENT CLEANING PRIOR TO SANITIZATION

Booster for Alkaline Foaming Detergents to Clean Food Processing Equipment: Extract-2 is an effective bleach cleaning booster for use with alkaline foaming detergents. For cleaning applications as a detergent booster in foaming products, Extract-2 can be added at a rate of 1 – 20 ounces per 10 gallons of water providing approximately 120 - 2400 ppm hypochlorite solution to aid in the removal of organic soils. Consult your DeLaval representative for chemical levels specific to your application. All hard non-porous food contact surfaces treated with this boosted detergent must be rinsed thoroughly with a potable water rinse followed by sanitizing with an approved food contact surface sanitizer.

Booster for Alkaline Detergents to Clean Food Processing Equipment: Extract -2 can be added to alkaline detergents at a ratio between 1: 1 to 1:20 gallons. Water levels may vary. Consult your DeLaval representative for chemical levels specific to your applications. Always follow with a potable water rinse.

SANITATION OF NONPOROUS FOOD CONTACT SURFACES

Rinse Method: A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gal. of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gal. of water to produce approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

Immersion Method: A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gal. of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gal. of water to produce approximately 200 ppm available chlorine by weight.

Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse the equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

Clean-In-Place Method: Thoroughly clean equipment after use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. product with 10 gal. of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with sanitizer, and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning / sanitizing process if effluent contains less than 50 ppm available chlorine. Do not rinse system with potable water prior to use.

Spray Method: Preclean all surfaces after use. Use a 200 ppm available chlorine solution to control bacteria, mold, or fungi and a 600 ppm solution to control bacteriophage. Prepare a 200 ppm sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 2 oz. product with 10 gal. of water. Prepare a 600 ppm solution by thoroughly mixing the product in a ratio of 6 oz. product with 10 gal. of water. Use spray equipment which can resist hypochlorite solutions. Always empty and rinse spray equipment with potable water after use. Thoroughly spray all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces treated with a 600 ppm solution with a 200 ppm solution.

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7406-L0616

EXTRACT-2

Germicidal Detergent Sanitizer

| | |
|--------------------------------|---------------|
| ACTIVE INGREDIENT: | |
| SODIUM HYPOCHLORITE..... | 12.5% |
| INERT INGREDIENTS | 87.5% |
| TOTAL..... | 100.0% |

Keep Out Of Reach Of Children
DANGER
Mantener Fuera Del Alcance De Los Niños
PELIGRO

See left panel for additional precautionary statements.

STORAGE AND DISPOSAL

Storage: Keep container tightly closed when not in use. Do not store below 0°F for extended period.

Pesticide Disposal: Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of pesticide wastes or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple-rinse (or equivalent) promptly after emptying.

5 Gallon or Less Container: Triple-rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¾ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by State and local authorities, burn container. If burned, stay out of smoke.

Capacity greater than 5 gallon containers: Triple-rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¾ full with water. Replace and tighten closures. Tip container to its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by State and local authorities, burn container. If burned, stay out of smoke.

FIRST AID:

If In Eyes: Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes. Then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

If On Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a Poison Control Center or doctor for treatment advice.

If Swallowed: Call a Poison Control Center or doctor for treatment advice. Do not induce vomiting. 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 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 mouth-to-mouth, if possible. Call a Poison Control Center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucousal damage may contraindicate the use of gastric lavage.
HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT. YOU MAY CONTACT 1-800-424-9300 FOR EMERGENCY TREATMENT INFORMATION.

CHEMTREC EMERGENCY #: 1-800-424-9300

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|---------------|---------|---------------|-------------|
| EPA REG. NO.: | 4959-47 | EPA EST. NO.: | 4859-CA-01 |
| | | | 4859-IL-01 |
| | | | 4959-TX-01 |
| | | | 35772-IL-01 |
| | | | 52374-TX-2 |

DIRECTIONS FOR USE (Cont.)
AGRICULTURAL USES

Food Egg Sanitization: Thoroughly clean all eggs. Thoroughly mix 2 oz. of this product with 10 gal. of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature must not exceed 130°F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Do not apply a potable water rinse. The solution must not be reused to sanitize eggs.

Fruit and Vegetable Washing: Thoroughly clean all fruits and vegetables in a wash tank. Thoroughly mix 5 oz. of this product in 200 gal. of water to make a sanitizing solution of 25 ppm available chlorine. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Spray rinse vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

FARM PREMISES

Remove all animals, poultry, and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls, and surfaces of barn, pens, stalls, chutes, and other facilities occupied or transversed by animals or poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water.

To disinfect, saturate all surfaces with a solution of at least 1000 ppm available chlorine for a period of 10 minutes. A 1000 ppm solution can be made by thoroughly mixing 11 oz. of this product with 10 gal. of water. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals or poultry, as well as the cleaned forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed areas. Do not house livestock or poultry or employ equipment until chlorine has been dissipated. All treated food racks, mangers, troughs, automatic feeders, and waterers must be rinsed with potable water before reuse.

SWIMMING POOL WATER DISINFECTION

For a New Pool or Spring Start-Up: Super-chlorinate with 52 to 104 oz. of product for each 10,000 gal. water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to 50 to 100 ppm. To maintain the pool, add manually or by a feeder device 11 oz. of this product for each 10,000 gal. of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual, and alkalinity of the water frequently with appropriate test kit. Frequency of water treatment will depend upon temperature and number of swimmers. Every 7 days, or as necessary, super-chlorinate the pool with 52 to 104 oz. of product for each 10,000 gal. of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool with a chlorine residual above 4 ppm due to risk of bodily harm. At the end of the swimming season, or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate pool within 24 hours prior to discharge.

Winterizing Pools: While water is still clear and clean, apply 3 oz. of product per 1000 gal., while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter, and heater components for winter by following manufacturer's instructions.

LAUNDRY SANITIZERS (Commercial Laundry Sanitizers)

Wet fabrics or clothes must be spun dry prior to sanitization. Thoroughly mix 2 oz. of this product with 10 gal. of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics / clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add more of the product if the available chlorine level has dropped below 200 ppm.

DISINFECTION OF DRINKING WATER (Public / Individual Systems)

Public Systems: Mix a ratio of 1 oz. of this product to 100 gal. of water. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than the prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

Individual Systems: DUG WELLS - Upon completion of the casing (lining) wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. This solution can be made by thoroughly mixing 1 oz. of this product into 10 gal. of water. After covering the well, pour the sanitizing solution into the well through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours, flush well until all traces of chlorine have been removed from the water. Consult your local Health Department for further details.

Manufactured by/for:

WEST AGRO®

11100 N. Congress Ave.
Kansas City, MO 64153-1296
MADE IN USA

HAZARD RATING
4-EXTREME
3-HIGH
2-MODERATE
1-LOW

NO MIXING

4959-47

FIRE 0
2 1
INSTABILITY
SPECIAL

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges the notification.

DOT SHIPPING NAME:
UN1791
Hypochlorite solutions, 8, PG III

NET CONTENTS:
19.000 L (0.5209 US GAL)
07/19/09

LOT NUMBER: