

88714-7

8/21/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 88714-7

Date of Issuance

AUG 21 2014

Term of Issuance:

Unconditional

Name of Pesticide

Product:

K-BAC 7015

NOTICE OF PESTICIDE:

X Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Water Science Technologies, LLC
5520 Parkwood Circle
Bessemer, AL
35022

Note: Changes in labeling 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 EPA registration number.

On the basis the of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(5). Please note, you are required to submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data

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

Signature of Approving Official:

Eric Miederhoff
Acting Product Manager (33)
Regulatory Management Branch I
Antimicrobial's Division (7510P)

Date:

AUG 21 2014

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If you have questions concerning this matter, please contact Eric Miederhoff (703) 347-8028 or by email at miederhoff.eric@epa.gov

Sincerely,



Eric Miederhoff
Acting Product Manager (33)
Regulatory Management Branch I
Antimicrobial's Division (7510P)

Enclosures: (Stamped Label)

Precautionary Statements: Hazards to Humans and Domestic Animals

DANGER

CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. DO NOT GET IN EYES OR ON CLOTHING. AVOID CONTACT WITH SKIN. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTION IN SOME INDIVIDUALS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Mixers, loaders, and others exposed to product must wear the following Personal Protective Equipment (PPE):

- long-sleeve shirt and long pants
- rubber gloves and apron
- shoes plus socks
- protective eyewear.

Follow manufacturer's instructions for cleaning / maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and aquatic invertebrates. 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.

UN 3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. [mixture containing 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one (3:1)], 8, PG-II

For Transportation / Spills Emergency:
Call Chemtrec at 1-800-424-9300

Batch:

Mfg Date:

K-BAC® 7015

ACTIVE INGREDIENTS:

- 5-Chloro-2-methyl-4-isothiazolin-3-one..... 1.11%
 - 2-Methyl-4-isothiazolin-3-one..... 0.37%
- OTHER INGREDIENTS:..... 98.52%
- TOTAL:..... 100.00%

KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

See Side panel for additional precautionary statements

First Aid	<p>If in Eyes:</p> <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. <p>If Swallowed:</p> <ul style="list-style-type: none"> > 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 do so by the poison control center or doctor. <p>If on Skin:</p> <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. <p>If inhaled:</p> <ul style="list-style-type: none"> > 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 further treatment advice.
Notes to physician:	Probable mucosal damage may contraindicate the use of gastric lavage.
HOT LINE NUMBER:	In case of emergency, for additional information call toll free 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EPA Reg. No. 88714-T

EPA Est. No. _____

Manufactured for:

WATER SCIENCE TECHNOLOGIES LLC
5520 PARKWOOD CIRCLE
BESSEMER, AL 35022



88714-T

PHYSICAL AND CHEMICAL HAZARD

This product is corrosive to mild steel.

STORAGE AND DISPOSAL

This product (pH 3.0) is corrosive to mild steel.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If waste cannot be disposed of by 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

Non-refillable container: Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: [For containers < 5 gallons in size] - 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 ¼ 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. [For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on 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 if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GENERAL: CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

DIRECTIONS FOR USE

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

Industrial microbiocide for use in "conveyor lubricants, "recirculating water cooling towers, "air washer systems, "oil field injection waters, "paper slime control, "recirculating closed loop water cooling systems, "brewery pasteurizer and can warmer systems, "ultra filtration units, such as "reverse osmosis systems, "industrial process water and "foam control products, which are classified as indoor non-food and non-food applications. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

*Not approved for use in the State of California

CONDITIONS OF SALE AND WARRANTY

WATER SCIENCE TECHNOLOGIES, LLC warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. WATER SCIENCE TECHNOLOGIES, LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of WATER SCIENCE TECHNOLOGIES, LLC and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL WATER SCIENCE TECHNOLOGIES, LLC OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Net Contents (pounds):

Net Contents (pounds):

K-BAC 7015 INFORMATION SHEET

**THIS K-BAC 7015 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF
K-BAC 7015**

DIRECTIONS FOR USE

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

***CONVEYOR LUBRICANTS:** K-BAC 7015 microbiocide is recommended for the control of bacteria and fungi in the manufacture and use of water-based conveyor lubricants. K-BAC 7015 should be dispensed into the conveyor lubricant concentrate and uniformly dispersed throughout the fluid or dispensed into the conveyor lubricant use-dilution feed line using a metering pump and uniformly sprayed onto the conveyor.

K-BAC 7015 should be added to the conveyor lubricant concentrate at a level to ensure that the final use-dilution shall contain 200-1000 ppm of K-BAC 7015 (3-15 ppm active ingredient).

Grossly contaminated systems must be cleared before treatment is begun

Initial Dose: For a noticeably fouled system, meter in 8.3 pounds (126 fluid ounces) of K-BAC 7015 per 1000 gallons of use-dilution conveyor lubricant. If necessary, continue metering 3.3 – 8.3 pounds (50-126 ounces) of K-BAC 7015 per 1000 gallons of conveyor lubricant until control is achieved and only to maintain the level of K-BAC 7015 in the final use-dilution fluid at 400-1000 ppm (6-15 ppm active ingredient)

Subsequent Dose: After establishing microbial control or to prevent fouling of a clean system, maintain the system at 3-15 ppm active ingredient by metering 1.7 – 8.3 pounds (26-126 ounces) of K-BAC 7015 per 1000 gallons of conveyor lubricant.

**Not approved for this use in the State of California*

***INDUSTRIAL RECIRCULATING WATER COOLING TOWER:** K-BAC 7015 microbiocide is recommended for the control of bacteria, algae and fungi. It should be added to the tower basin or some other point to ensure uniform mixing. Add 0.3 to 1.86 lb of K-BAC 7015 per 1000 gallons of water (35 to 220 ppm K-BAC 7015) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb K-BAC 7015 per 1000 gallons of water. Repeat if necessary to achieve control.

**Not approved for this use in the State of California*

***AIR WASHER SYSTEMS:** For use only in industrial air washing systems that maintain effective mist eliminating components. Add 0.3 to 7.5 lb K-BAC 7015 to 1000 gallons of water (35 to 886 ppm K-BAC 7015) in the air washer sump, or chill water sump to ensure uniform mixing, for the control of bacteria, fungi and algae. A repeat treatment may be needed depending on the severity of contamination.

**Not approved for this use in the State of California*

***OIL FIELD INJECTION WATERS:** Add 23 to 58 lb (2.8 to 6.9 gallons) K-BAC 7015 per 1000 barrels of water (66 to 165 ppm K-BAC 7015) weekly or as needed to maintain control of slime-forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids and drilling fluids. An initial dose of 57 to 115 lb K-BAC 7015 per 1000 barrels of water (162 to 324 ppm K-BAC 7015) may be used until control is achieved. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

**Not approved for this use in the State of California*

***PAPER MILLS:** Add 0.45 to 1.5 lb of K-BAC 7015 per ton (dry basis) of pulp or paper produced as slug dose for the control of bacterial and fungal slime in the production of paper. K-BAC 7015 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing.

**Not approved for this use in the State of California*

Manufactured for:
WATER SCIENCE TECHNOLOGIES LLC
5520 PARKWOOD CIRCLE
BESSEMER, AL 35022

EPA Reg. No. 88714-T

K-BAC 7015 INFORMATION SHEET

**THIS K-BAC 7015 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF
K-BAC 7015**

DIRECTIONS FOR USE

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

***INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS:** Add 0.3 to 1.86 lb of K-BAC 7015 per 1000 gallons of water in the system weekly to maintain control of bacteria, fungi and algae in the reservoir, recirculating line or some other point to ensure uniform mixing. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb K-BAC 7015 per 1000 gallons of water may be needed depending on the severity of the fouling.

**Not approved for this use in the State of California*

***BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS:** Add 0.3 to 1.86 lb of K-BAC 7015 per 1000 gallons of water in the system weekly or as needed to maintain control of bacteria, algae and fungi. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb of K-BAC 7015 per 1000 gallons of water may be needed depending on the severity of the fouling

**Not approved for this use in the State of California*

***ULTRA FILTRATION UNITS, such as REVERSE OSMOSIS SYSTEMS:** K-BAC 7015 microbiocide is recommended for the control of bacteria and fungi in ultra filtration units, such as reverse osmosis systems. Add 10 - 333 ppm of K-BAC 7015 microbiocide (0.15 - 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of K-BAC 7015 microbiocide with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 - 333 ppm of K-BAC 7015 microbiocide (0.15 - 5 ppm active ingredient). For periodic membrane cleaning, add 0.4 - 1.0 lbs of K-BAC 7015 microbiocide to every 120 gallons of cleaning solution (6 - 15 ppm active ingredient).

Badly fouled systems should be cleaned before treatment is begun.

**Not approved for this use in the State of California*

***INDUSTRIAL PROCESS WATER:** K-BAC 7015 microbiocide is recommended for the control of bacteria, algae and fungi in industrial process waters including Retort Water Systems, Industrial Scrubbing Systems, Evaporative Condenser Water Systems, Hydrostatic Sterilizer Water Systems, Coal Slurry Systems. It should be added at a point to ensure uniform mixing. Add 0.3 to 1.86 lb of K-BAC 7015 per 1000 gallons of water (35 to 220 ppm K-BAC 7015) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb K-BAC 7015 per 1000 gallons of water. Repeat if necessary to achieve control.

**Not approved for this use in the State of California*

***PRESERVATIVE FOR FOAM CONTROL PRODUCTS:** K-BAC 7015 microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in foam control products. Add 0.5 to 3.3 lb. (227 g to 1.5 kg) of K-BAC 7015 microbiocide to each 1000 lb. (454 kg) of aqueous product to provide 7 ppm to 50 ppm active isothiazolones.

**Not approved for this use in the State of California*

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