

87262-7

10/27/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

87262-7

Date of Issuance:

October 27, 2014

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Compass THPS 35

Name and Address of Registrant (include ZIP Code):

Compass Chemical International, LLC
5544 Oakdale Road
Smyrna, GA 30082

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 of information furnished by the registrant, the above named pesticide is hereby registered 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 her/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). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. Be aware that proposed data requirements have been identified in a Work Plan. For more information on these proposed data requirements, you may contact Team Leader for PM Team 36: http://www.epa.gov/oppad001/contacts_ad.htm

Signature of Approving Official:

Seiichi Murasaki, Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date:

October 27, 2014

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Decision No. 491671

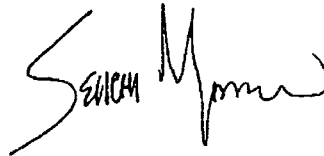
3. Submit one copy of the final printed label for the record before you release the product for shipment.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under 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. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated May 23, 2014

If you have any questions, please contact Zebora Johnson at (703) 308-7080 or johnson.zebora@epa.gov.

Sincerely,



Seiichi Murasaki
Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

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{All text in brackets [xxx] is optional and may or may not be intended on a final label.}

{All text in braces {xxx} is administrative and will not appear on a final label.}

COMPASS THPS 35

ACTIVE INGREDIENT:

Tetrakis(hydroxymethyl) phosphonium sulfate.....35%

OTHER INGREDIENTS:..... 65%

TOTAL:100%

ACCEPTED

10/27/2014

Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 87262-7

EPA Reg. No. 87262-7

EPA Est. No. 008576-GA-001

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

If in Eyes:

- 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:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center for further treatment advice.

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 for further treatment advice.

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 do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 time (PT), seven days a week. In case of a spill emergency, call Chemtrec at 1-800-424-9300.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Maintain adequate ventilation and oxygenation of the patient. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Manufactured by:
Compass Chemical International, LLC
5544 Oakdale Road
Symrna, GA 30082

NET CONTENTS: _____ GAL (LBS)

LOT# _____

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

DANGER: Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing vapor or spray. Wear long-sleeved shirt and pants or coveralls, goggles or face shield and chemical-resistant gloves when handling. 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.

USER SAFETY RECOMMENDATIONS

Users must wash hands before eating, drinking, chewing gum or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 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 a manner inconsistent with its labeling. Not for use in paint.

INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS (for control of bacteria, fungi and algae)

Note: For cooling water systems of equal to or greater than 4000 gallons, do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application method.

Initial Slug Dose: Add 114-750 ppm of COMPASS THPS 35 for 2-6 hours based on total water volume.

Repeat until control is obtained. Thereafter, add either intermittently 74-300 ppm of COMPASS THPS 35 (26-105 ppm THPS) or continuously 40-140 ppm of COMPASS THPS 35 per day. Dirty systems must be cleaned prior to treatment.

HEAT TRANSFER SYSTEMS (Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, Brewery and Other Pasteurizers, and Warmers)

Add COMPASS THPS 35 at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

SERVICE WATER AND AUXILIARY SYSTEMS (Not for use in California)

COMPASS THPS 35 should be added to service water and auxiliary systems at the same application rates and in the same manner as described above. It should be added to the system at a point of uniform

mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

AIR WASHER SYSTEMS (For control of bacteria and fungi) (Not for use in California)

This product may be used only in air washer systems which have mist eliminating components. Pre-clean the system with detergent and allow air washer to run with fan on for two hours. Flush and check nozzles, manually cleaning as necessary.

Add 74-200 ppm of COMPASS THPS 35 (26-70 ppm THPS) at a point where uniform mixing and even distribution will occur.

Repeat as needed to maintain control.

PAPER AND PAPERBOARD MANUFACTURING (for control of bacteria, fungi and algae)

a) For use as a slimicide in the manufacture of paper and paperboard products and adhesives that do not contact food.

Dosing: Additions should be made at a point in the system where mixing action is good, e.g. raw stock chest beater or mixing unit. Add intermittently or continuously depending on mill conditions.

Intermittent Dosing: Add 49-700 ppm of COMPASS THPS 35 (24.5-350 ppm) based on total water volume or an equivalent based on dry weight of paper produced.

Continuous Dosing: Add 28-98 ppm of COMPASS THPS 35 (14-49 ppm) based on total water volume or an equivalent based on dry weight of paper produced.

b) For use as a preservative to retard microbial growth in water-based coatings, starches, pigments and filler slurries.

Do not use in paper and paperboard and adhesives that will contact food. (Not for use in California)

The treatment rate necessary to retard spoilage of the additive will vary with the extent of contamination of make-up water and the length of storage.

Dosing: Apply from 350-1000 ppm of COMPASS THPS 35 to the additive to be preserved based on the total weight of the additive and water]

INDUSTRIAL FRESH WATER SYSTEMS (Not for use in California)

Do not use in freshwater used in the manufacture of paper and paperboard products that may contact food.

COMPASS THPS 35 is effective in controlling algae in holding ponds and in controlling bacteria and fungi in holding and processing tanks of industrial fresh water systems supplying water to pulp and paper mills, textile mills, and other manufacturing plants. In pulp and paper mills, treatment of the fresh water with COMPASS THPS 35 can make an important contribution to slime control. The use of COMPASS THPS 35 as described will reduce the development of slime in fresh water pipes other equipment, and on the pulp and paper mill machine parts contacted by fresh water. If water is used in the manufacture of paper and paperboard products that may contact food, the concentration of THPS in the slurry may not exceed 84 ppm.

For the control of algae in industrial fresh water systems, COMPASS THPS 35 should be added to provide a concentration of 3-28 ppm of product (1-10 ppm THPS). Treatment should be based on the amount of water entering a pond or reservoir or leaving the pond or reservoir and entering the immediate processing operations. While treatment can be made continuously, regular slug-dosing treatment will provide adequate control.

INDUSTRIAL WASTEWATER SYSTEMS (Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks) (Not for use in California)

COMPASS THPS 35 should be added to a wastewater system or sludge at a convenient point of uniform mixing such as a digester.

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Slug dosing: Add 114-750 ppm of COMPASS THPS 35 (40-262.5 ppm THPS) per 1,000 gallons of wastewater or sludge.

Continuous dosing: Add 3-57 ppm of COMPASS THPS 35 (1-20 ppm THPS) per 1,000 gallons of wastewater or sludge.

MACROFOULING CONTROL (Not for use in California)

COMPASS THPS 35 should be added continuously to maintain a level of 20 ppm active ingredient (THPS) in the system for a period of at least 96 hours.

Initial Dose: When macrofouling is present in the system, apply 57 ppm of COMPASS THPS 35 based on total water volume. Continue to add COMPASS THPS 35 as needed to maintain the 20 ppm active ingredient (THPS) level for a period of at least 96 hours.

FIRE PROTECTION SYSTEMS

COMPASS THPS 35 is effective at controlling microbial growth in waters and on pipe surfaces in fire protection systems. Such microbial growth when combined with other forms of corrosion can lead to accelerated corrosion rates and pitting corrosion, commonly referred to as microbiologically influenced corrosion. COMPASS THPS 35 also helps to remove free oxygen from the water, thus eliminating an important nutrient for bacteria and an important reactant in many corrosion reactions.

COMPASS THPS 35 should be added to a fire protection system using a chemical metering pump capable of variable pump rates. The COMPASS THPS 35 should be injected at a point, such as a riser, manifold or makeup feed water line, where uniform mixing and distribution will occur. Add 150-600 ppm COMPASS THPS 35 (75-300 ppm THPS) depending on severity of microbial contamination in the system. Repeat as needed.

SOLUTIONS/EMULSIONS

Not for use in manufacture of paper and paperboard products and adhesives that may come in contact with food. For the preservation of solutions, emulsions, adhesives and other aqueous liquid products, the addition of 0.035% to 0.35% of COMPASS THPS 35 (0.0175%-0.175% THPS). Add at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of COMPASS THPS 35 to be added for the preservation of given formulations will depend on the components as well as local storage time and requirements

OIL FIELD AND PETROCHEMICAL OPERATIONS

COMPASS THPS 35 is effective in controlling sulfate reducing bacteria, general aerobic bacteria, including microorganisms that contribute to biofilm formation in oil field recovery, processing and distribution applications and supporting systems; such as injection water, water holding tanks, disposal well water, recirculating water handling systems, and pipelines. COMPASS THPS 35 has been shown to dissolve iron sulfide and sequester iron when used under these conditions, leading to improved filter life and well injectivity, and reduction of hydrocarbon sheen. COMPASS THPS 35 is also effective for use in controlling microbial growth in fluids used for drilling and stimulation of oil wells.

Water Floods (Not for use in California)

COMPASS THPS 35 should be added to a water flood system at a point where uniform mixing will occur.

Initial Treatment: For a noticeably fouled system, add 200-750 ppm COMPASS THPS 35 (70-262.5 ppm THPS). When added to a flowing system, slug dose for 2-6 hours based on flow rates. Repeat as necessary until control is achieved.

Subsequent Treatment: Once control has been achieved, add 14-210 ppm COMPASS THPS 35 (5-73.5 ppm THPS) weekly or as needed to maintain control. When added to a flowing system, slug dose for 2-6 hours based on flow rates.

Continuous Treatment: COMPASS THPS 35 can be dosed continuously at a level of 14-143 ppm (5-50 ppm THPS).

Hydraulic Fracturing (Not for use in California)

COMPASS THPS 35 should be added to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole. Add 143-750 ppm of COMPASS THPS 35 (50-262.5 ppm THPS), depending on the degree of bacterial fouling in the source water.

Oil and Gas Production and Transmission Pipelines and Systems

COMPASS THPS 35 should be added at a point in the pipeline where uniform mixing will occur. The application should be conducted to ensure maximum distribution of COMPASS THPS 35 through the entire internal surface of the pipeline by adding an amount of biocide which eventually comes out the other end of the pipeline. Criteria for success of the treatment will be reduction in bacterial count. MED Slug Dosing: Follow instructions for waterflood treatment.

Continuous Dosing: COMPASS THPS 35 can be dosed continuously at a level of 30-215 ppm (10.5-75 ppm THPS).

Drilling Muds, Packer Fluids, Completion and Workover Fluids

COMPASS THPS 35 should be added to these fluids at a point where uniform mixing will occur. Add 70-3000 ppm of COMPASS THPS 35 (24.5-1050 ppm THPS) to a freshly prepared fluid depending on severity of contamination.

Gas Storage Well and Systems (Not for use in California)

Individual injection wells should be treated with COMPASS THPS 35 at the same application rates and in the same manner as described under Water Floods. Injections should be repeated as needed to maintain control. Individual drips should be treated with a sufficient quantity of COMPASS THPS 35 to produce a concentration of 72-286 ppm COMPASS THPS 35 (25-100 ppm THPS) when diluted by the water present in the drip. Injections should be repeated as needed to maintain control.

Well Remediation Operations (Not for use in California)

Individual production or injection wells may be bullheaded with COMPASS THPS 35 to control bacteria and simultaneously dissolve iron sulfide deposits. The COMPASS THPS 35 will be pumped into the well as a solution in water containing from 28% to 57% COMPASS THPS 35 (10%-20% THPS). The well is shut-in for a period of time (at least 6 hours) then put back into operation.

Hydrotesting

Water used to hydrotest pipelines or vessels should contain 143-1430 ppm COMPASS THPS 35 (50-500 ppm THPS), depending on water quality and length of time the equipment will remain idle.

Pipeline Pigging and Scraping Operation

Add COMPASS THPS 35 to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient COMPASS THPS 35 should be added to produce a concentration of 0.01%-0.1% (50-500 ppm THPS in the water at the discharge point or pig trap, depending on the length of the pipeline and the severity of the biofouling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

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STORAGE: Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of a spill, flood the area with large quantities of water.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes 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 HANDLING AND DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling or reconditioning if appropriate. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ 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. Pressure rinse as follows: Empty the remaining equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

[Note: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this material, when such use and/or handling is contrary to label directions.]