



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

EPA Reg. Number:

87584-3

Date of Issuance:

7/19/18

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

ZENITH 388

Name and Address of Registrant (include ZIP Code): 388

Zenith Industrial Chemicals PTE, Ltd
c/o REACH 24H USA Inc.
11951 Freedom Drive, Suite 1300
Reston, VA 20190

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 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.

Signature of Approving Official:

Eric Miederhoff, Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

7/19/18

Be aware that proposed data requirements have been identified in a Work Plan or proposed DCI. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. OIT GDCI-099901-1469
3. You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 87584-3.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

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 CSFs:

- Basic CSF dated January 31, 2018

If you have any questions, please contact Zebora Johnson by phone at (703) 308-7080, or via email at johnson.zeboraj@epa.gov.

Enclosure: Accepted Label

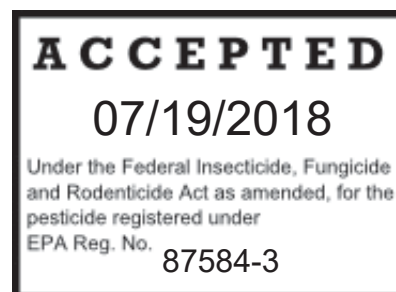
ZENITH 388

EPA Reg. No. : 87584- 3
EPA Est. No: 87584-SGP-1

ACTIVE INGREDIENT
Octhilinone.....9.30%
INERT INGREDIENTS..... 90.70%
TOTAL:..... 100.00%

Mfg. by: Zenith Industrial Chemicals Pte, Ltd.
33 Kian Teck Way, Singapore 628746

Net Contents: kgs



READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN (KOROC)

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 or doctor for treatment.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip one or two glasses 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 by mouth 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 further treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric

lavage.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

For all Transportation / Spill Emergencies: Call Chemtrec at 1-800-424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. Causes permanent, irrevocable eye damage and skin burns. May be fatal if swallowed. Harmful if absorbed through skin or inhaled. May cause allergic skin reaction. Prolonged or repeated overexposure can cause central nervous system effects and kidney and liver damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield. Wear coveralls over long-sleeved shirt and long pants, socks, Chemical-resistant footwear, and chemical-resistant gloves. When mixing and loading wear a chemical-resistant apron. Avoid breathing vapor or spray mist. Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N1, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N1, R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters. Keep container closed. Use with adequate ventilation. Do not take internally. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless this product is specifically identified and addressed in an 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

DIRECTIONS FOR USE

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

LEATHER PRESERVATION*: ZENITH 388 is recommended for the prevention of bacterial and fungal growth on wet leather stock such as pickled, chrome-tanned and vegetable-tanned hides and leather, including wet-blues. Normal addition levels are in the range of

0.05% to 0.3% by weight of ZENITH 388 calculated on the pelt weight. The optimum use concentrations will depend on the manufacturing process, the required properties of the product and the environment to which it will be exposed. Levels will be particularly affected by natural fat content, skin thickness, storage time and tannery conditions.

Emulsion Preparation: Emulsions of ZENITH 388 in water have only short term stability. Prepare immediately before addition to the drum. For optimum stability the biocide must be added to the water rather than vice versa and should be diluted to give a concentration of at least 1:20. In order to obtain a homogeneous distribution on the skins or hides, the emulsion must be added slowly and immediately after the first application of chrome during the tanning process.

POST PROCESS APPLICATION FOR LEATHER

SPRAY: to extend the preservation time of wet blue by applying additional fungicide on the exposed surface of wet blue that is palletized and stacked. Use a dilution ratio of 1 part of ZENITH 388 to 10 parts water. With a pressurized pump, apply one pass of a coarse spray (non-atomized) of ZENITH 388 to palletized / stacked wet blue.

The operator must wear respirator, eye protection, chemical resistant gloves, and a jacket. The operator must maintain the proper distance away from the palletized wet blue while spraying diluted ZENITH 388. The proper distance is no less than 2 feet from target of spray.

ROLLER: to extend the preservation time of wet blue by applying additional fungicide on the top and bottom surfaces of wet blue. Use a dilution ratio of 1 part ZENITH 388 to 10 parts water. Apply ZENITH 388 on the grain and flesh surfaces of wet blue as it is fed through top and bottom felt rollers that are saturated with diluted ZENITH 388. Operator to wear respirator, eye protection, chemical resistant gloves and jacket; operator will lay wet blue on a moving belt that will pass between top and bottom rollers; once wet blue passes through rollers, operator will palletize and stack the treated wet blue.

* Not approved for use in the State Of California

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers. In case material is released or spilled, dike and absorb with an inert material such as sand or clay. Collect into corrosion-proof drums. Clean area with a solution containing 5% sodium bicarbonate and 5% sodium bisulphite.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state or local authorities. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill 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 times more.

CONDITIONS OF SALE AND WARRANTY

ZENITH 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.

ZENITH 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 ZENITH 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 ZENITH OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.