

87584-2

06/28/2011

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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:

87584-2

Date of

Issuance:

JUN 28 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

Zenith 388

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Zenith Industrial Chemicals, Inc.  
9/9A Lok Yang Way  
Singapore, 628628

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 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.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all the data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit required by registration review under FIFRA Section 3(g).
2. Make the following labeling changes:
  - a. Revise the EPA Registration Number to read, EPA Reg. No. 87584-2.
  - b. Place the appropriate EPA Establishment Number on the product labeling.

Signature of Approving Official:

*Marshall Swindell*  
Marshall Swindell, Product Manager, Team 33  
Regulatory Management Branch I, Antimicrobials Division

Date:

JUN 28 2011

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EPA Reg. No. 85353-2

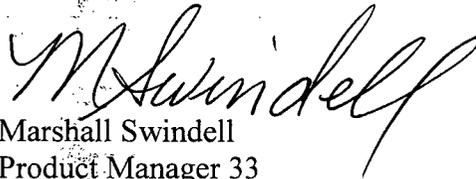
3. Submit three copies of the final printed label prior to releasing this product for sale.

The Confidential Statement of Formula dated February 25<sup>th</sup>, 2011.

A stamped copy of the label 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.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7509P)



# ZENITH 388

<b>ACTIVE INGREDIENT:</b>	
Octhilinone.....	9.30%
<b>INERT INGREDIENTS:</b> .....	90.70%
<b>TOTAL:</b> .....	100.00%

EPA Reg. No. 87584-

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

### FIRST AID

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip one or two glasses of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin Or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible</li> <li>• Call a poison control center or doctor for further treatment.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

### 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. NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

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

ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
JUN 28 2011

Manufactured by:  
Zenith Industrial Chemicals Pte Ltd  
9/9A Lok Yang Way  
Singapore 628628

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 87584-2

**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, on clothing. Wear goggles or face shield. Wear protective clothing and rubber gloves. Avoid breathing vapor or mist. 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% - 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.

\* Not approved for use in the State Of California

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**with COMMENTS**  
**EPA Letter Dated:**

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### 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 bisulfate.

**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:** Nonrefillable 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 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 times more.

### CONDITIONS OF SALE AND WARRANTY

Zenith Industrial Chemicals 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 INDUSTRIAL CHEMICALS 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 Industrial Chemicals 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 INDUSTRIAL CHEMICALS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

NET CONTENTS:

Submitted 20110225; Revised 20110524

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