

1833-7

8/16/2013

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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:  
833-7

Date of Issuance

**AUG 16 2013**

Term of Issuance:

**Unconditional**

Name of Pesticide

Product:

Hyperflex

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. John Todhunter, Registration Agent  
Alex C. Fergusson  
5000 LetterKenny Road  
Chambersurg, PA 17201

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.

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. A one year study is required to satisfy OPPTS 830.6317 (storage Stability) and OPPTS 830.6230 (corrosion Characteristics) requirements, results for a minimum of 18 months from the date of registration to provide these data.

Signature of Approving Official:

Mashall Swindell  
Product Manager Team-33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

**AUG 16 2013**

2/5

EPA Reg #833-7

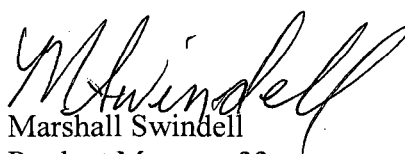
Page 2

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.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact Marshall Swindell at (703) 308-6341 or by email at [swindell.marshall@epa.gov](mailto:swindell.marshall@epa.gov)

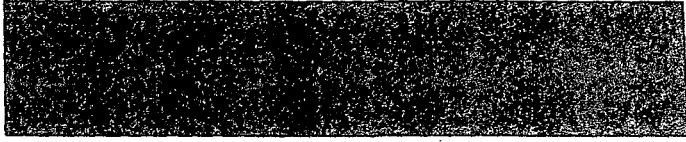
Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

3/5



# HYPERFLEX

(ACID SANITIZER)

HyperFlex is a phosphate-free peracetic acid / nitric acid-based low pH (acid) sanitizer developed for use on food, dairy and beverage processing and filtration equipment.

**ACTIVE INGREDIENTS:**

Peroxyacetic Acid.....6.7%  
Hydrogen Peroxide.....22.8%

**INERT INGREDIENTS:** .....70.5%  
TOTAL.....100.0%

Before Using This Product, Please Read This Entire Label Carefull

**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 or doctor for treatment advice.

**IF SWALLOWED:**  
Call a poison control center or doctor immediately for treatment advice. Have person sip 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.

**IF INHALED:**  
Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth. Call a poison control center or doctor for treatment advice.

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

Have the product container, label, or MSDS with you when calling a poison control center or a doctor, or going for treatment advice.

For emergency information on this product, call the National Pesticides Information Center at 1-800-858-7378 6:30 AM to 4:30 PM PST. During other times, call the Poison Control Center at 1-800-222-1222. Both numbers are 7 days/week.

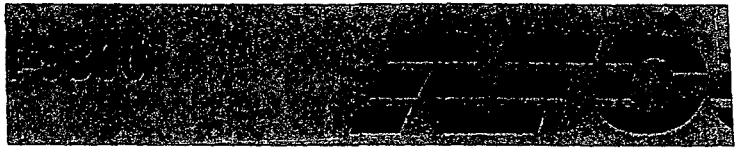
EPA Registration No.:  
EPA Establishment No.: 833-PA-1

#4365

Manufactured By:  
Alex C. Fergusson, LLC  
5000 Letterkenny Rd., Ste. 220, Chambersburg, PA 17201  
800-345-1329;

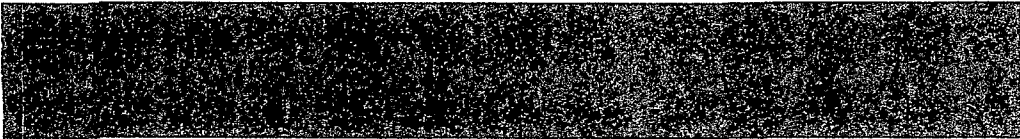
NET WEIGHT: 535 LB DRUM

BATCH NO.:



**ACCEPTED**  
AUG 16 2013  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 833-7

4/5



### Directions For Use

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

This product passes the EPA food contact sanitizer test for previously cleaned, hard, non-porous food-contact surfaces (AOAC Germicidal and Detergent Sanitizing Action of Disinfectants) against Staphylococcus aureus (ATCC 6538) and Escherichia coli (ATCC 11229) when used as recommended.

**For Food/Beverage, Wine and Dairy Processing Equipment, Tanks, Vats, Pails, Pipelines and Closed Systems:** Remove gross food particles and soil by a preflush or prescrape, and when necessary, a pre-soak treatment. Clean all surfaces with an appropriate cleaning product, followed by a potable water rinse prior to the application of this product. Sanitize CIP or COP equipment by immersion, circulation or coarse spray sanitizing techniques, as appropriate.

**Dilution Instructions:** Dilute 1.0 fl. oz. of this product in 5 gallons of water. Solutions up to 1.0 fl. oz. per 4 gallons of water in areas of high water hardness may be used. Do not exceed 140°F of the sanitizing solution. Expose equipment to the sanitizing solution for a minimum of 1 minute. Increased circulation times will improve microbiological and/or mineral scale removal results. Adequately drain solution from equipment before resuming operations. A water rinse is not necessary. For mechanical operations the prepared use solution may not be re-used for sanitizing, but may be recycled for other uses such as cleaning, flushing or bulk water pH control for other non-sanitizing purposes.

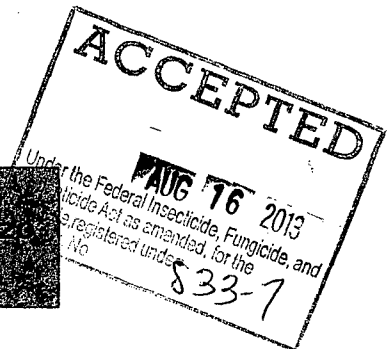
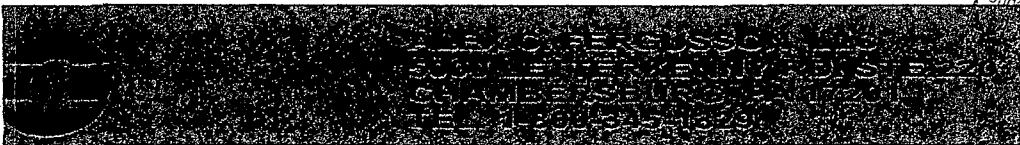
The sanitizing solution should have a pH of less than 4 if mineral scale control is desired. Adjust sanitizer solution to achieve pH values in the preferred range of pH 2.5-4 if milkstone or mineralstone inhibition/removal is required. The regular use of this product at the recommended pH ranges will prevent the formation of milkstone, beerstone, or mineralstone deposits on food contact surfaces.

This product is highly acidic, so do not use with or around chlorinated products. HYPERFLEX is recommended for use on stainless steel and most plastics. Do not use this product in systems that contain copper, aluminum, cast iron or mild steel, as severe corrosion will result due to the low pH of the solution.

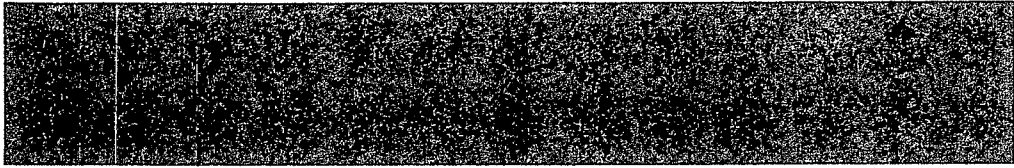
Note: This product degrades with age depending on the storage conditions and temperature. KEEP PRODUCT AWAY FROM HEAT OR DIRECT SUNLIGHT. Use a peroxyacetic acid test kit and increase dosage as necessary to obtain the required level of active ingredients. As a reference, a fresh solution should contain about 120 ppm or more peroxyacetic acid at 1.0 fl. oz. per 5 gal of process water.

**D.O.T. and Haz Mat Information:**

UN3098, Oxidizing liquid, corrosive, n.o.s., (hydrogen peroxide and nitric acid, stabilized), 5.1 (8), PGII



5/5



## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE:** Do not enter an enclosed area where this product has been applied without proper respiratory protection. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through skin. Harmful if swallowed. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. Wear face shield, protective clothing and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

### Physical or Chemical Hazards

**Strong oxidizing agent. Corrosive.** Mix only with water at ambient (room) temperature. Product must be diluted in accordance with label directions prior to use. HYPERFLEX is not combustible; however, at temperatures exceeding 160°F, decomposition occurs releasing oxygen. The oxygen released could initiate combustion.

### Environmental Hazards

This pesticide is toxic to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk. 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.

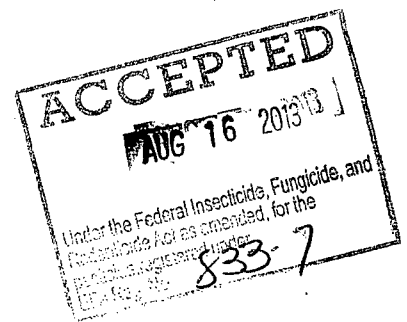
### Storage and Disposal

**Storage:** Never return HYPERFLEX to the original container after it has been removed. Avoid all contaminants, especially dirt, caustic, reducing agents, and iron or yellow metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, douse container with cool water and dilute HYPERFLEX with large volumes of water. Sodium carbonate (soda ash) may be broadcast over the affected area to neutralize the spilled product. Avoid damage to containers. Keep container closed at all times when not in use. To maintain product quality, store this product in a cool, dry area, away from direct sunlight and heat.

**Procedure for Leak or Spill:** Stop leak if this can be done without risk. Shut off ignition sources: no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces. If material has been spilled, an acceptable method of disposal is to sprinkle area with soda ash, then dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with all Local, State, and Federal environmental laws, rules, regulations, standards, and other requirements.

**Pesticide Disposal:** Non refillable container. Do not use this container to hold materials other than pesticides or dilute pesticides (rinsates). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. HYPERFLEX, which is to be discarded, should be disposed of as hazardous waste after contacting the appropriate Local, State, or Federal agency to determine proper procedures.

**Container Disposal:** >5 gallon plastic drums: Clean container promptly after emptying. Triple rinse as follows: 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 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. Offer for recycling if available. Or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



CALL TREC EMERGENCY 800-44