

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

Alex C. Fergusson LLC
5000 Letterkenny Road, Suite 220
Chambersburg, PA
17201

DEC 10 2013

Subject: Hyperflex
EPA Registration No: 833-7
Application Date: September 17, 2013
Receipt Date: September 17, 2013


Dear Mr. Todhunter:

The following Amendment submitted, under the provisions section 3 (c) (7) (A) the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA),

Based on a review of submitted material a study titled " Storage and Corrosion Characteristics of AFCO Hyperflex", " **MRID # 4921601, 49216100 dated 06/118/13**" and the label dated 08/16/13 under OPPTS 830.6317 and 830.6320 guidelines are acceptable. The results of the one year storage stability and corrosion characteristics studies indicate all assays meet the EPA Standard Certified Limits thru out the year. This information has been added to your files.

If you have any questions concerning this letter, please contact Zebora Johnson at (703) 308-7080.

Sincerely


Marshall Swindell
Product Manger (33)
Regulatory Management Branch I
Antimicrobial's Division (7501P)

ACCEPTED
DEC 10 2013
 Under the Federal Insecticide, Fungicide, and
 Rodenticide Act as amended for the

**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 eye 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, close 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 (rinseates). After emptying and cleaning, it may be allowable to temporarily hold rinseate 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 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 back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate 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.

**HYPERFLEX
 (ACID SANITIZER)**

HyperFlex is a phosphoric-free peroxyacetic 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 Carefully.

**KEEP OUT OF REACH OF CHILDREN
 DANGER**

FIRST AID
IF IN EYES: 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 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 a week.

#4365
 EPA Registration No.: 833-7
 EPA Establishment No.: 833-PA-1
 Manufactured By:
 Alex C. Ferguson, LLC
 5000 Leitenkenny Rd., Ste. 220, Chambersburg, PA 17201
 800-345-1329

NET WEIGHT: 535 LB DRUM **BATCH NO.:**

CHEMTREC EMERGENCY 800-424-9300
 (Chemtrec Customer Number: 833)



ALEX C. FERGUSSON, LLC
 5000 LEITENKENNY RD, STE 220
 CHAMBERSBURG, PA 17201
 TEL: 1-800-345-1329

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 (ADAC 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, 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

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