

9/5/95 PM 32 875-20004 P9 183

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
246743

**Application for Pesticide - Section I**

1. Company/Product Number 875-20004	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Liqu-A-Klor	PM#	
5. Name and Address of Applicant (Include ZIP Code) Diversey Corp. 12025 Tech Center Drive Livonia, MI 48150-2193 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification: Compliance with P.R. Notice 95-1. See attached certification and product label.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container

5. Location of Label Directions  
 On Label  On Labeling accompanying product

6. Manner in Which Label is Affixed to Product  
 Lithograph  Paper glued  Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Henry P. Katstra	Title Manager, Regulatory Affairs	Telephone No. (include Area Code) (313) 458-2444
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**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, both under applicable law.

2. Signature 	3. Title Manager, Regulatory Affairs	6. Date Application Received (Stamped)  95-2 1/23/96 JH.
4. Typed Name Henry P. Katstra	5. Date 8/21/95	

NPDES Statement Modified to PR-93-10 language

**PRECAUTIONARY STATEMENTS**  
Hazards to Humans and Domestic Animals

**KEEP OUT OF REACH OF CHILDREN.**

**DANGER:**

**CORROSIVE. MAY CAUSE SEVERE SKIN AND EYE IRRITATION OR CHEMICAL BURNS TO BROKEN SKIN. CAUSES EYE DAMAGE.**

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. 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.

**PHYSICAL AND CHEMICAL HAZARDS, STRONG OXIDIZING AGENT:**

Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases which are irritating to eyes, lungs and mucous membranes.

**STORAGE AND DISPOSAL:**

Store this product in a cool dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood area with large quantities of water. Product or rinseate that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**CONTAINER DISPOSAL-Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE:**

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

**FRUIT AND VEGETABLE WASHING:** Thoroughly clean all fruits and vegetables in a wash tank. Thoroughly mix 2/3 oz. of this product in 10 gallons of water to make a sanitizing solution of 25 ppm available chlorine. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Spray rinse vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

**LAUNDRY SANITIZERS**

**HOUSEHOLD LAUNDRY SANITIZERS:**

**IN SOAKING SUDS:** Thoroughly mix 1 Tbs. of this product to 1 gallon of wash water to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle.

**IN WASHING SUDS:** Thoroughly mix 1 Tbs. of this product to 1 gallon of wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then adding soap or detergent and start the wash/rinse cycle.

**COMMERCIAL LAUNDRY SANITIZERS**

Wet clothes or clothes should be spun dry prior to sanitization. Thoroughly mix 5 oz. of this product with 10 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.

# Liqu-A-Klor

## Liquid-Bactericide Disinfectant

For Industry Use



**ACTIVE INGREDIENT:**

Sodium hypochlorite ..... 5.25%

**INERT INGREDIENTS** ..... 94.75%

**TOTAL** 100.00%

**KEEP OUT OF REACH OF CHILDREN.**  
**DANGER:**

**STATEMENT OF PRACTICAL TREATMENT:**

If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get prompt medical attention. If swallowed, drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

See side panel for additional precautions.



02853501

Manufactured for:  
**Diversey Corp. • Livonia MI 48150-2193 • 313 458 5000**  
24 HOUR EMERGENCY TELEPHONE • Medical: (Call Collect)  
303 592 1024 • Transportation: (CHEMTREC) 800 424 9300

**Net Contents 180 Gal (681.3 L)**

PMS Pantone Yellow • Size 17 x 8.5



and Sanitizer

**SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES**

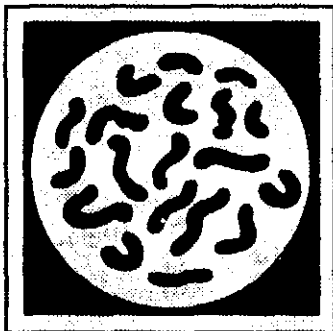
**RINSE METHOD:** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 4 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 4 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be re-used for sanitizing purposes.

**IMMERSION METHOD:** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 4 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 4 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and

allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to re-establish a 200 ppm residual. Do not rinse equipment with water after treatment. Sanitizers used in automated systems may be used for general cleaning but may not be re-used for sanitizing purposes.

**MECHANICAL WASHERS:** After cleaning and rinsing equipment or containers, apply a sanitizing spray rinse containing 100 ppm available chlorine by adjusting mechanical feeding device to meter 1 oz. of this product per 4 gallon of water. Test sanitizer frequently during operation with a chlorine test kit to insure that solution does not drop below 50 ppm available chlorine. Remove and drain sanitized items. Sanitizer used in automatic systems may be used in the general cleaning process but may NOT be re-used for sanitizing purposes. If no test kit is available or if available chlorine has dropped 50 ppm during sanitizing, either discard the sanitizer solution or add sufficient sanitizer to reestablish a 200 ppm available chlorine sanitizer strength by diluting 2 oz. of product in 4 gallons of water. Resanitize equipment. Do not rinse equipment with water after sanitizing and do not soak equipment overnight in sanitizer solution.

**PUBLIC SYSTEMS:** Mix a ratio of 1/4 oz. of this product to 100 gallons of water. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.5 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.



**CORROSIVE**

**8**

**HYPOCHLORITE SOLUTIONS, (WITH MORE THAN 5 PERCENT BUT LESS THAN 16 PERCENT AVAILABLE CHLORINE), UN1791**

EPA Registration No.: 875-20004  
EPA Establishment No.: 8544-CA-1

(952808)cp/h

