

52374-12

05-13-2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

MAY 13 2009

**FILE COPY**

Greg Cunningham  
Regulatory Compliance Coordinator  
Brenntag Southwest, Inc.  
206 East Morrow Road  
Sand Springs, OK 74063

Subject: Chlorine  
EPA Registration No. 52374-12  
Application Date: March 12, 2009  
Receipt Date: April 24, 2009

Dear Mr. Cunningham:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

**Proposed Notification:**

- Revision to Storage and Disposal Statement per PR Notice 2007-4

**General Comments:**

Based on a review of the material submitted, the following comments apply:

The notification is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,

Wanda Y. Henson  
Product Reviewer (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 52374 / 52374-12	2. EPA Product Manager Emily Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Brenntag Southwest, Inc. / Chlorine	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Brenntag Southwest, Inc. 206 East Morrow Road Sand Springs, OK 74063 <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. 52374-12 Product Name Chlorine	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)  
  
SEE ATTACHED ADDITIONAL PAGE FOR EXPLANATION.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Greg Cunningham	Title Reg. Compliance Co.	Telephone No. (Include Area Code) 918-246-4615
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 or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Compliance Coordinator	
4. Typed Name Greg Cunningham	5. Date Mar 12, 2009	



April 23, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
US EPA  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Re: Response to PR 2007-4

Dear Sir or Madam:

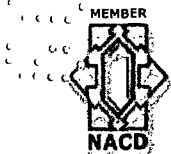
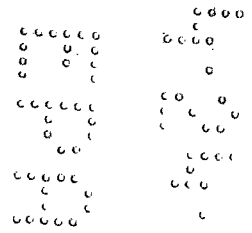
The following notification is being sent as response to PR 2007-4:

- a. Application for Registration (EPA Form 8570-1)
- b. One copy of draft labeling – The only change to the enclosed draft label from the EPA accepted label dated April 5, 2004 is the addition of the required container statements taken from PR 2007-4. The additions to the label can be found printed in blue ink at the bottom of column two. (These additions will appear in black ink in the final label.)
- c. Residue removal language – In keeping with guidance found on the EPA website, “Frequently Asked Questions on the Container and Containment Labeling Requirements,” the enclosed draft label does not include residue removal language. “The labels of compressed gas cylinders must bear a “container type” statement required by § 156.140 but are not required to bear residue removal instructions. The 2008 amendments exempt products that are gaseous at atmospheric temperature and pressure from the residue removal requirements for both nonrefillable containers and refillable containers (40 CFR §156.144(e)).”

I can be reached at 918-246-4615 or e-mail to [gcunningham@brenntag.com](mailto:gcunningham@brenntag.com) if you have questions regarding the above.

Yours truly,

Greg Cunningham  
Regulatory Compliance Coordinator



# CHLORINE

## LIQUEFIED GAS UNDER PRESSURE

### 2.3 UN 1017

For use as a disinfectant and algacide by experienced personnel only, in municipal water supplies, sewage and waste management plants, pulp & paper mills, cooling towers and swimming pools.

ACTIVE INGREDIENT: Chlorine 99.5%  
INERT INGREDIENTS: 0.5%

### KEEP OUT OF REACH OF CHILDREN



## DANGER POISON

FATAL IF INHALED.  
LIQUID CAUSES SEVERE BURNS

EPA Reg. No. 52374-12 Net Weight: 100 lbs.   
 EPA Est. No. 052374-OK-001 150 lbs.   
 EPA Est. No. 052374-OK-002 2000 lbs.

### BRENNTAG SOUTHWEST, INC.

206 E. Morrow Rd., Sand Springs, OK 74063

### PRECAUTIONARY STATEMENTS

#### FIRST AID

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

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

**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 from a 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.

**PHYSICIAN'S NOTE:** Probable mucosal damage contraindicates the use of gastric lavage.

### HAZARD TO HUMANS & ANIMALS

**DANGER. Highly Corrosive.** Causes irreversible eye damage and skin burns. Fatal if swallowed, inhaled, or absorbed through skin. Do not breathe vapor or get in eyes, on skin, or on clothing. Wear goggles, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirts, long pants, shoes, and socks.

### IN CASE OF LEAKAGE

Under normal use-conditions, no protective eyewear, respirator, or gloves are required. However, in case of a leak, handlers must wear chemical-resistant gloves (such as any waterproof material) and a full-face canister-style (gas mask) respirator with a canister approved for chlorine (MSHA/NIOSH approval number prefix TC-14G). Since there is always the possibility of a leak, gloves and a respirator of a type specified above must be available. Gloves and a respirator are required for anyone entering into an affected area in the event of a leak.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to Chlorine Institute publications for instructions on the required product use and safety procedures. Before using this product, handlers must be trained how to appropriately use respirators that conform to OSHA requirements (described in 29 CFR Part 1920.134) and how to appropriately handle and use chlorine. This product, including dispensing equipment, must be handled and used in accordance with the practices specified by all applicable product labeling and Chlorine Institute publications. Use only in well ventilated areas. The registrant is solely responsible for the safety of the servicing equipment used with this pesticide, and for the repackaging of this gas from larger containers into portable cylinders. Each repackager must obtain his own EPA Registration Number for this pesticide for this use, and his own EPA Establishment Number from the EPA. Repackagers may only dispense this product to portable containers that are appropriately labeled.

Additional Directions For Use are located in Supplemental Label.

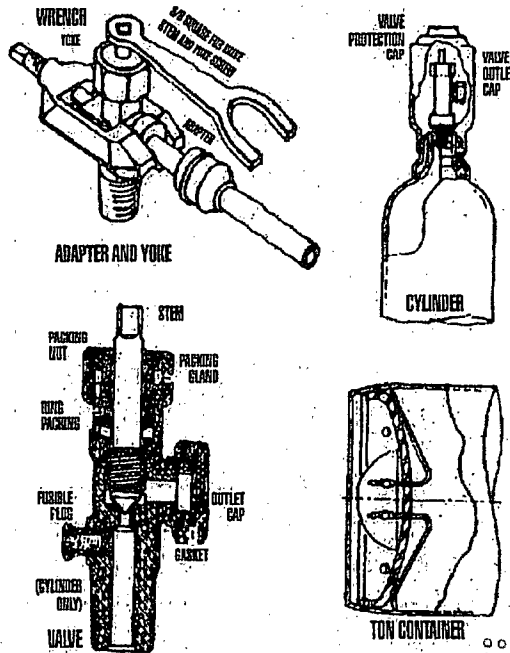
### DIRECTIONS FOR USE: CHLORINE IN CONTAINERS

(See Diagrams Below)

**CONNECTING:** Use 500 psig copper tubing fitted with special adapter to connect container to piping system. To connect line to container, remove valve protection cap and valve outlet cap. Then use wrench shown to attach tubing to valve with yoke. Use new gasket supplied with container each time connection is made. Make sure connections are tight. Check for leaks with ammonia vapor. Never use standard pipefitting.

**VALVE OPERATION:** Turn stem one full turn counter-clockwise to open valve. Don't use container valve to regulate the chlorine flow. Use of valve for flow-control may wear valve stem. **NEVER USE A HAMMER OR OTHER IMPLEMENTS FOR THIS PURPOSE.** Packing nut may be loosened slightly to relieve tight stem, but retighten promptly to avoid leak.

**DISCONNECTING:** Close valve, test valve for leaks, apply valve outlet cap with gasket and protection hood. Plug or cap the open end of the chlorine line immediately to keep out moisture.



### STORAGE & DISPOSAL

**STORAGE:** Store cylinders and ton containers in a dry area away from sources of heat and protected from direct sunlight and precipitation. Do not store in excessive heat. Segregate chlorine containers from other compressed gases, and never store near hydrocarbons, finely divided metals such as filings or granules, turpentine, ether, anhydrous ammonia, or other flammable materials. All storage containers and cylinders must have a weather resistant label and must not be accessible to the general public. Do not drop container. If container is damaged or leaking, refer to procedures in Chlorine Institute publications and/or notify supplier immediately. Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law.

**LEAK PROCEDURES:** Make daily inspections for leaks. Stop a leak at once, since it will become worse with time.

NOTIFICATION  
Date Rec'd: 5/13/09  
Reviewed By: [Signature]

# LIQUID CAUSES SEVERE BURNS

EPA Reg. No. 52374-12 Net Weight: 100 lbs.   
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#### ENVIRONMENTAL HAZARDS

This pesticide is toxic or highly toxic to fish and aquatic invertebrates. 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 & CHEMICAL HAZARDS

Chlorine is a non-flammable gas, liquefied, under pressure. Do not drop container. Do not heat container. Keep away from intense heat or open sunlight. Corrosive to most metals in the presence of moisture.

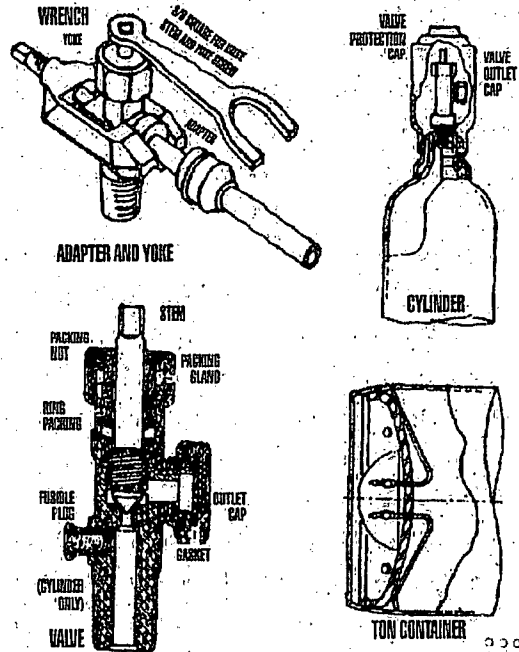
**FOR CHEMICAL EMERGENCY  
 SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
 CALL CHEMTREC DAY OR NIGHT  
 800 424-9300**

**NOTICIA  
 Date Revisado: 2/20  
 Revisado Por: JZ**

**CONNECTING:** Use 300 psig copper tubing fitted with special adapter to connect container to piping system. To connect line to container, remove valve protection cap and valve outlet cap. Then use wrench shown to attach tubing to valve with yoke. Use new gasket supplied with container each time connection is made. Make sure connections are tight. Check for leaks with ammonia vapor. Never use standard pipefitting.

**VALVE OPERATION:** Turn stem one full turn counter-clockwise to open valve. Don't use container valve to regulate the chlorine flow. Use of valve for flow-control may wear valve stem. **NEVER USE A HAMMER OR OTHER IMPLEMENTS FOR THIS PURPOSE.** Packing nut may be loosened slightly to relieve tight stem, but retighten promptly to avoid leak.

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**LEAK PROCEDURES:** Make daily inspections for leaks. Stop a leak at once, since it will become worse with time. In case of a leak, evacuate everyone from the immediate area. For entry into the affected area to correct problem, wear personal protective equipment (including prescribed respirators) specified in the Hazards to Humans section of this labeling. When possible, move leaking or damaged cylinders outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow any liquid chlorine to evaporate. Only correctly trained and PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into the leak area by any other person until the chlorine has completely dispersed.

**DISPOSAL OF CONTAINERS:** Container is returnable and must be properly identified with return tag and returned as promptly as possible to supplier according to prescribed instructions and practices in Chlorine Institute publications. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container. Refillable container. Refill this container with chlorine only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Certified to  
NSF / ANSI 60