

57425-1 (

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

APR 10 2014

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mrs. Olivia D. Laird, President  
Laird's Regulatory Consultants  
Estates at Shenstone Farms  
17804 Braemar Place  
Leesburg, VA 20175-7046

Subject: Alternate Brand Name per PR Notice 98-10  
**Chlor-Floc Emergency Drinking Water Tablets**  
EPA Registration Number: **57425-1**  
Application Date: March 6, 2014  
Application Receipt: March 20, 2014

Dear Mrs. Laird:

This acknowledges receipt of your Notification application, submitted under the provisions of FIFRA 3(c) 9 and PR Notice 98-10.

Purpose of the Notification:

Deatrick & Associates, Inc. is submitting the following Alternate Brand Name for EPA Reg. No. 57425-1:

**Chlor-Floc Water Purification**

General Comments:

Based on the review of the information submitted, the following comments apply.

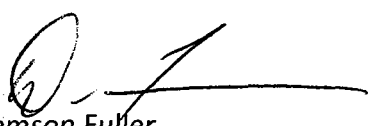
The Notification is **Acceptable**.

A copy of the accepted Notification is attached in **Regulatory File Jacket 57425-1** for future reference.

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If you have questions or concerns with regard to this Agency Letter, please contact Killian Swift by email at [Swift.Killian@epa.gov](mailto:Swift.Killian@epa.gov) or by telephone at 703-308-6346. When you are submitting information or data in response to this Agency Letter, please send a copy of this Agency Letter with your response in order to facilitate processing.

Sincerely yours,



Demson Fuller  
EPA Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division 7510P

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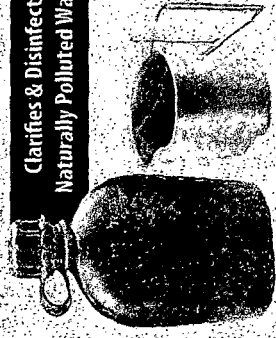
**NOTIFICATION**  
 Date Received: April 10, 2014  
 Reviewed By: Killian Swift

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# CHLOR-FLOC®

## WATER PURIFICATION

Clarifies & Disinfects  
Naturally Polluted Water



BEFORE

AFTER

**Eliminates Giardia, Bacteria & Viruses**

**10 Packets (treats 8 gallons)**

**CAUTION: PRECAUTIONARY STATEMENTS**  
 HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS  
 Powder may be harmful if swallowed.

See back panel for First Aid and use directions.

**Net wt. 16g/0.63 oz**

HO COMPANY  
 10700 Southpark Dr., Suite 100, Colorado Springs, CO 80904, 719-471-7583, sales@hocompany.com  
 Made in South Africa  
 EPA REG. NO. 57425-1  
 EPA EST. NO. 57425-5A-001  
 U.S. PATENT NO. 5,023,012  
 Distributed By:

**USE DIRECTIONS:** - NET CONTENT: 30 (600mg) Sachets

**IMPORTANT**  
 Discard sediment between uses | Rinse cloth thoroughly with treated water before use | Always use same side of cloth for straining.

**STORAGE AND DISPOSAL:**  
 Store sachets in sealed container away from excessive heat or direct sunlight. Discard empty sachet as indicated in step 5.

Temperature Of water	Number of Sachets	Waiting Period After step 3
77 F (25 C)	1	7 minutes
58 F (15 C)	1	15 minutes
50 F (10 C)	1	15 minutes
41 F (5 C)	2	15 minutes

Each package of CHLOR-FLOC contains 30 Sachets, enough to treat 30 times (33 quart) of polluted water. One 600 milligram sachet provides 1.4% available chlorine and flocculating agents for the CLARIFICATION AND DISINFECTION OF 1 LITER (1.10 quart) OF WATER FROM POLLUTED SOURCES. AT TEMPERATURES OF 77 degrees Fahrenheit (25 degrees C) or at 41 degrees F (5 C) Two 600 milligram Sachets will provide 2.8% available chlorine for the same purpose.

- Add 1 or 2 (600mg) sachets to 1 liter (1.1 quart) of water as directed in the table opposite. Turn one end of sachet and open aperture. Pour powder as shown to ensure that ALL powder is properly dispersed.
- Stir for 1 minute then leave for 7 minutes.
- Swirl for 30 seconds, then wait 7 minutes at temp. of 77 F (25 C) or above, or 15 minutes at cooler temperatures as specified above. Then strain through a piece of cotton cloth (eg. T-shirt material) into a clean container.
- The clarified water is now ready for drinking. If you desire, add an additional one (1) sachet.
- Place open sachet paper in the secondary waste compartment of your storage pack, as indicated. Pouch suitable for normal waste disposal.

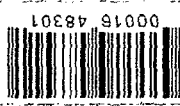
Precautionary statements: causes moderate eye irritation. If in eyes: hold eye open and flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present. After the first 5 minutes, then continue flushing. Call a poison control center or doctor for treatment advice. Irritant if absorbed through skin. Harmful if swallowed. Irritating to eyes. Harmful if inhaled. Harmful to aquatic life. May be fatal if swallowed and frequently repeated skin contact may cause allergic reactions in some individuals.

**DIRECTIONS FOR USE FOR EMERGENCY TREATMENT OF POLLUTED WATER**  
 It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. CHLOR-FLOC SACHETS are intended for the clarification and disinfection of polluted or suspected water, to make it bacteriologically safe for drinking when treated as directed. Recommended for use by the military to treat suspected water during field exercises or where municipally treated water is not available. CHLOR-FLOC contains a combination of flocculating and coagulating agents which promotes rapid formation of a sediment in the treated water. Pollutants, in the form of gross organic matter and micro-organic particles adhere to the sediment by the action of the flocculating and coagulating agents. The sediment with the entrapped pollutants are removed from the clarified water by straining through a piece of cloth (preferably flannel). The cloth can be reused after rinsing with clarified treated water. After clarification of the water is complete, the water is safe to drink. Chlorine, iodine, and other harmful micro-organisms which were not removed with the sediment.

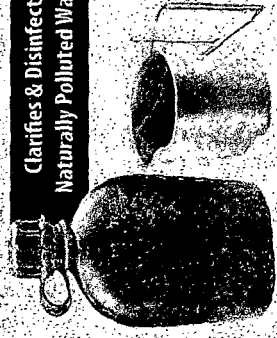
NSA C850-01-542-5370  
 CHLOR-FLOC WATER PURIFICATION SACHETS  
 FOR EMERGENCY TREATMENT OF POLLUTED WATER  
 (1 POUCH (10 SACHETS))  
 DLA 412-91-4-4044

(Provides 1.4% available chlorine)  
 NET CONTENTS: 30 (600 milligram) Sachets  
 KEEP OUT OF REACH OF CHILDREN  
 CAUTION: PRECAUTIONARY STATEMENTS -  
 HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS  
 Powder may be harmful if swallowed

**ACTIVE INGREDIENT:**  
 Sodium Dichloro-Dichloro-Dihydrate - 1.5%  
**INERT INGREDIENTS:** - 98.5%  
 (Provides 1.4% available chlorine)  
 KEEP OUT OF REACH OF CHILDREN



**CHLOR-FLOC®**  
**WATER PURIFICATION**  
 Clarifies & Disinfects  
 Naturally Polluted Water



**Eliminates Giardia, Bacteria & Viruses**

**10 Packets (treats 8 gallons)**

**CAUTION: PRECAUTIONARY STATEMENTS**  
 HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS  
 Powder may be harmful if swallowed.

See back panel for First Aid and use directions.

**Net wt. 16g/0.63 oz**

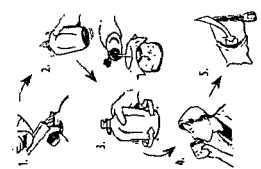
**USE DIRECTIONS:** - NET CONTENT: 30 (600mg) Sachets

**IMPORTANT**  
 Discard sediment between uses | Rinse cloth thoroughly with treated water before use | Always use same side of cloth for straining.

**STORAGE AND DISPOSAL:**  
 Store sachets in sealed container away from excessive heat or direct sunlight. Discard empty sachet as indicated in step 5.

Temperature Of water	Number of Sachets	Waiting Period After step 3
77 F (25 C)	1	7 minutes
58 F (15 C)	1	15 minutes
50 F (10 C)	1	15 minutes
41 F (5 C)	2	15 minutes

- Each package of CHLOR-FLOC contains 30 Sachets, enough to treat 30 times (33 quart) of polluted water. One 600 milligram sachet provides 1.4% available chlorine and flocculating agents for the CLARIFICATION AND DISINFECTION OF 1 LITER (1.10 quart) OF WATER FROM POLLUTED SOURCES. AT TEMPERATURES OF 77 degrees Fahrenheit (25 degrees C) or at 41 degrees F (5 C) Two 600 milligram Sachets will provide 2.8% available chlorine for the same purpose.
- Add 1 or 2 (600mg) sachets to 1 liter (1.1 quart) of water as directed in the table opposite. Turn one end of sachet and open aperture. Pour powder as shown to ensure that ALL powder is properly dispersed.
  - Stir for 1 minute then leave for 7 minutes.
  - Swirl for 30 seconds, then wait 7 minutes at temp. of 77 F (25 C) or above, or 15 minutes at cooler temperatures as specified above. Then strain through a piece of cotton cloth (eg. T-shirt material) into a clean container.
  - The clarified water is now ready for drinking. If you desire, add an additional one (1) sachet.
  - Place open sachet paper in the secondary waste compartment of your storage pack, as indicated. Pouch suitable for normal waste disposal.



Precautionary statements: causes moderate eye irritation. If in eyes: hold eye open and flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present. After the first 5 minutes, then continue flushing. Call a poison control center or doctor for treatment advice. Irritant if absorbed through skin. Harmful if swallowed. Irritating to eyes. Harmful if inhaled. Harmful to aquatic life. May be fatal if swallowed and frequently repeated skin contact may cause allergic reactions in some individuals.

**DIRECTIONS FOR USE FOR EMERGENCY TREATMENT OF POLLUTED WATER**  
 It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. CHLOR-FLOC SACHETS are intended for the clarification and disinfection of polluted or suspected water, to make it bacteriologically safe for drinking when treated as directed. Recommended for use by the military to treat suspected water during field exercises or where municipally treated water is not available. CHLOR-FLOC contains a combination of flocculating and coagulating agents which promotes rapid formation of a sediment in the treated water. Pollutants, in the form of gross organic matter and micro-organic particles adhere to the sediment by the action of the flocculating and coagulating agents. The sediment with the entrapped pollutants are removed from the clarified water by straining through a piece of cloth (preferably flannel). The cloth can be reused after rinsing with clarified treated water. After clarification of the water is complete, the water is safe to drink. Chlorine, iodine, and other harmful micro-organisms which were not removed with the sediment.

NSA C850-01-542-5370  
 CHLOR-FLOC WATER PURIFICATION SACHETS  
 FOR EMERGENCY TREATMENT OF POLLUTED WATER  
 (1 POUCH (10 SACHETS))  
 DLA 412-91-4-4044

(Provides 1.4% available chlorine)  
 NET CONTENTS: 30 (600 milligram) Sachets  
 KEEP OUT OF REACH OF CHILDREN  
 CAUTION: PRECAUTIONARY STATEMENTS -  
 HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS  
 Powder may be harmful if swallowed

NSN 6850-01-582-5270

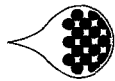
**CHLOR-FLOC WATER PURIFICATION SACHETS  
FOR EMERGENCY TREATMENT OF POLLUTED WATER**

1 POUCH (30 SACHETS)

DLA 412-93-D-4044

MNF:

EXP:



**ACTIVE INGREDIENT:**

Sodium Dichloro-s-Triazinetrione Dihydrate ..... 2.5%

**INERT INGREDIENTS** ..... 97.5%

(Provides 1.4% available chlorine) NET CONTENTS: 30 (600 milligram) sachets

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION: PRECAUTIONARY STATEMENTS • HAZARD TO HUMANS AND DOMESTIC**

**ANIMALS**

Powder may be harmful if swallowed

Recommended for use by the military to treat suspected water during field exercises or where municipally treated water is not available. CHLOR-FLOC contains a combination of flocculating and coagulating agents which promotes rapid formation of a sediment in the treated water. Pollutants, in the form of gross organic matter and micro-scopic particles adhere to the sediment by the action of the flocculating and coagulating agents. The sediment with the entrapped pollutants are removed from the clarified water by straining through a piece of cloth (preferably flannel). The cloth can be reused after rinsing with clarified treated water. After clarification of the water by separating sediment from the treated water, the chlorine released by the active ingredient is then free to kill Giardia Lamblia Cysts; bacteria; viruses; and other harmful micro-organisms which were not removed with the sediment.

Each package of CHLOR-FLOC contains 30 Sachets, enough to treat 30 liters (33 quarts) of polluted water. One 600 milligram sachet provides 1.4% available chlorine and flocculating agents for the CLARIFICATION AND DISINFECTION OF 1 LITER (1.10 quart) OF WATER FROM POLLUTED SOURCES AT TEMPERATURES OF 77 degrees Fahrenheit (25 degrees c) at 41 degrees F (5 C) two 600 milligram Sachets will provide 2.8% available chlorine for the same purpose.

( See additional directions/guidance on the back panel).

EPA REG. NO. 57425-1

EPA EST. NO. 57425-SA-001

U.S. PATENT NO. 5,023,012

Made in South Africa

Distributed by:

Old Colorado City Surplus/HQ Company, 2732

W. Colorado Ave, Colorado Springs, CO 80904,

719-471-7583, sales@hqcompany.com

**Precautionary statements:** causes moderate eye irritation. Harmful if absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash contaminated clothing before re-use. Prolonged and frequently repeated skin contact may cause allergic reactions in some individuals.






**DIRECTIONS FOR USE: FOR EMERGENCY TREATMENT OF POLLUTED WATER**

It is a violation of Federal Law to use this product in a manner inconsistent with its labelling. CHLOR-FLOC SACHETS are intended for the clarification and disinfection of polluted or suspected water, to make it bacteriologically safe for drinking when treated as directed.

**USE DIRECTIONS :**

**NET CONTENT:**

**30 (600mg) Sachets**

<p><b>1.</b> Add 1 or 2 (600mg) sachets to 1 litre (1.1 quart) of water as directed in the table opposite. Tear one end off sachet and open aperture. Pour powder as shown to ensure that ALL powder is properly dispensed.</p>	
<p><b>2.</b> Shake for 1 minute then leave for 3 minutes.</p>	
<p><b>3.</b> Swirl for 30 seconds, then wait 7 minutes at temp. of 77 F (25 C) or above, or 15 minutes at colder temperatures as specified above. Then strain through a piece of cotton cloth (eg. T-shirt material) into a clean container.</p>	
<p><b>4.</b> The clarified water is now ready for drinking. IF STILL MURKY add an additional one half sachet and repeat step 3.</p>	
<p><b>5.</b> Place spent sachet paper in the secondary waste compartment of your storage pouch as indicated. Pouch suitable for normal waste disposal.</p>	

Temperature Of water	Number of Sachets	Waiting Period After step 3
77 F (25 C)	1	7 minutes
58 F (15 C)	1	15 minutes
50 F (10 C)	1	15 minutes
41 F (5 C)	2	15 minutes

**IMPORTANT**

DISCARD SEDIMENT BETWEEN USES.  
 RINSE CLOTH THOROUGHLY WITH TREATED WATER BEFORE USE.  
 ALWAYS USE SAME SIDE OF CLOTH FOR STRAINING.

**STORAGE AND DISPOSAL:**

Store sachets in sealed containers away from excessive heat or direct sunlight. Discard empty sachet as indicated in step 5.