

88622-1

8/14/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

88622-1

Date of Issuance:

August 14, 2014

Term of Issuance:

Conditional

Name of Pesticide Product:

T.O.P.S. System

NOTICE OF PESTICIDE:

 Registration Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

CamelBak Products, LLC

2000 S. McDowell Blvd.

Suite 209

Petaluma, CA 94954

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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 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 her 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.

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(7)(B), provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
 - a. The Silver Nitrate DCI was issued in 2012, and you are responsible for addressing the data requirements outlined in the data call-in. A copy of the DCI can be located in the Docket for this active ingredient <http://www.regulations.gov#!docketDetail;D=EPA-HQ-OPP-2009-0334>. A copy of the EDSP Order can be located http://www.epa.gov/endo/pubs/edsp_orders_status.pdf.
 - b. The Copper Sulfate Pentahydrate DCI was issued in 2013, and you are responsible for addressing the data requirements outlined in the data call-in. A copy of the DCI can be located in the Docket for this active ingredient <http://www.regulations.gov#!docketDetail;D=EPA-HQ-OPP-2010-0212>. A copy of the EDSP Order can be located http://www.epa.gov/endo/pubs/edsp_orders_status.pdf.

A stamped copy of your labeling is enclosed for your records. Submit a final printed label before distributing or selling this product.

Signature of Approving Official: Eric Miederhoff Acting Product Manager Team 33 Regulatory Management Branch Antimicrobials Division (7510P)	Date: August 14, 2014
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EPA Form 8570-6

If you have questions concerning this matter, please contact me at (703) 308-8028 or by email at Miederhoff.Eric@epa.gov.

Sincerely,



Eric Miederhoff
Acting Product Manager (33),
Antimicrobials Division (7510P)

Enclosure: Stamped label

Master Label

ACCEPTED
08/14/2014
<small>Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 88622-1</small>

CamelBak
TACTICAL OPERATIONS PURIFICATION SYSTEM (T.O.P.S.™)
 Military Use Only
 Includes T.O.P.S.™ Powder, and T.O.P.S.™ Filter
 To be used in conjunction with an existing compatible reservoir

The CamelBak Tactical Operations Purification System [T.O.P.S.™] provides a man-portable water treatment / microbiological purification system for individual soldier use in purifying drinking water obtained from indigenous fresh water sources in basic, hot, and cold environments. The system uses a combination of T.O.P.S.™ Powder technology and filtration to offer fast, easy to use, and reliable.

Tested effective with water ranging in temperature from (4-23°C) and in clarity from clear to highly turbid.

This system requires 16 minutes of treatment time
 1 minute required to mix T.O.P.S. powder and water
 15 minute rest period before consuming using the T.O.P.S. Filter

Effective against 99.9% bacteria, viruses, and cysts, such as *Cryptosporidium*

T.O.P.S.™ Powder

Active Ingredients:

Silver Nitrate	0.01%
Copper Sulfate Pentahydrate	0.72%
Other Ingredients	<u>99.27%</u>
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

If in eyes	<ul style="list-style-type: none"> - 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. - Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> - Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to by a poison control center or doctor. - Do not give anything to an unconscious person.
If on skin	<ul style="list-style-type: none"> - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes.

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Master Label

- 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 or label with you when calling a poison control center or doctor, or going for treatment
For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu).

EPA Reg. No. 88622-1

EPA Est. No.

CamelBak

2000 S. McDowell Blvd., Suite 209

Petaluma, CA 94954

USA 800-767-8725

Intl +39 0424 37458

www.camelbak.com

Made in USA

Net Weight _____

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Corrosive. Powder can cause irreversible eye damage. Powder is harmful if swallowed raw, without dilution. Do not get in eyes or on clothing. Wear protective eyewear such as goggles or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. This product must be diluted in water and swallowed by the user. After dilution in accordance with the directions for use, no medical attention is required when the diluted solution is swallowed.

ENVIRONMENTAL HAZARDS

This powder is toxic to fish and aquatic invertebrates.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PRODUCT STORAGE: Store unopened powder stick packs at room temperature; avoid excessive heat or direct sunlight.

PRODUCT DISPOSAL: Dispose of opened and unused powder stick pack in secondary containment compartment for normal waste disposal.

CONTAINER DISPOSAL: Place empty stick pack in personal waste compartment for normal waste disposal.

This system meets the standards of NSF P248 (Military Operations for Microbiological Water Purifiers).

[Optional Marketing Claims]

- Designed for the military
- Ideal for military operation
- Kills at least 99.9999% of bacteria [*Raoutella terrigena* (ATCC 33257)] in 16 minutes
- Kills at least 99.99% of viruses [Poliovirus strain (ATCC VR-59) and Rotavirus (ATCC VR-899)] in 16 minutes
- Removes at least 99.9% of cysts (*Cryptosporidium parvum*) in 16 minutes.
- Removes turbidity
- Improves taste and odor
- Reliable Water Anywhere
- Potable water anywhere you go - Kills 99.9% viruses, bacteria, and protozoa
- Reliable water treatment in cold and warm environments
- Integrates with currently fielded hydration systems
- Easy To Use – Simple 3 Step Process

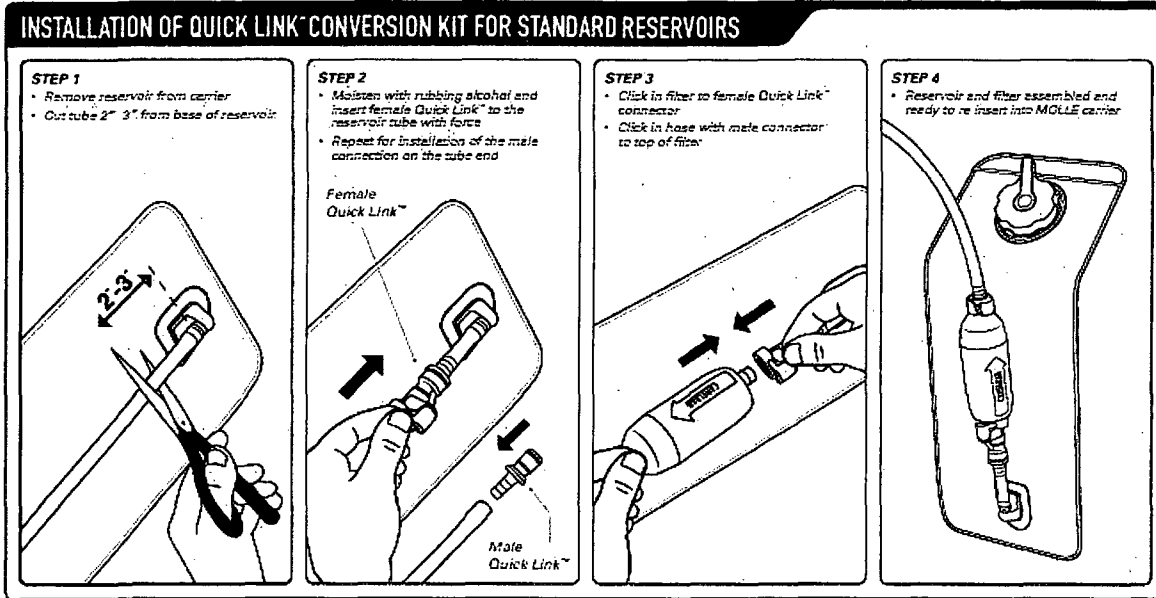
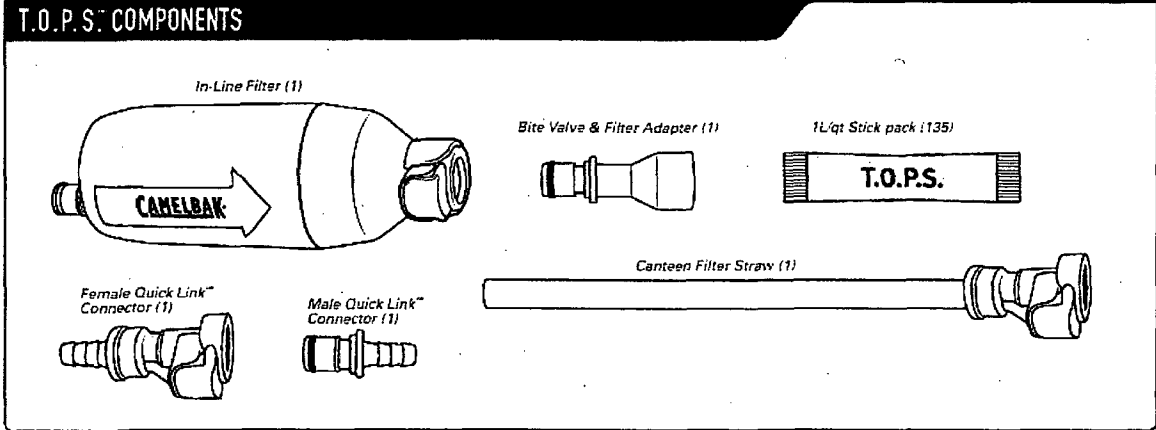
DIRECTIONS FOR USE

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

T.O.P.S.TM Powder is only to be used in conjunction with CamelBak's TACTICAL OPERATIONS PURIFICATION SYSTEM. This system is to be used for the purification of drinking water.

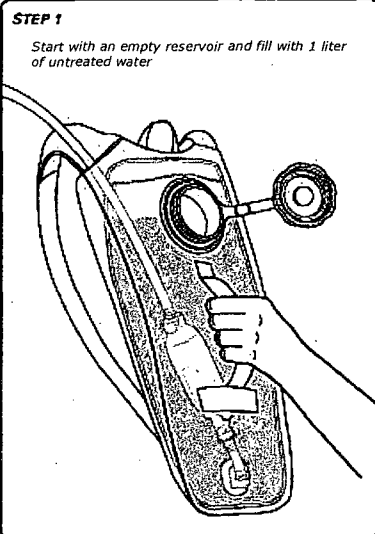
CAMELBAK **T.O.P.S.™**
SYSTEM USER INSTRUCTIONS

Use T.O.P.S.™ only as directed. Do not use in any manner other than as directed in the user instructions.

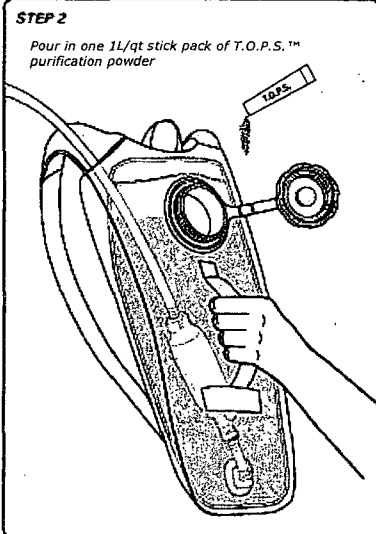


SYSTEM USER INSTRUCTIONS - 1 LITER

STEP 1
Start with an empty reservoir and fill with 1 liter of untreated water

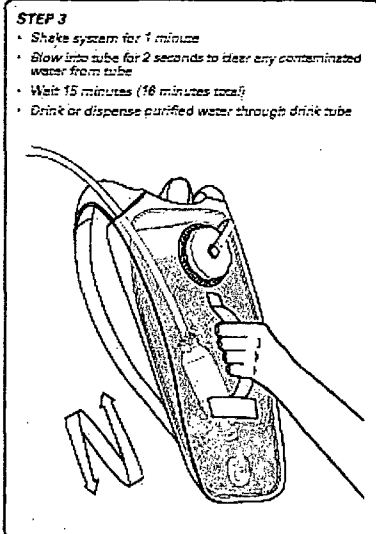


STEP 2
Pour in one 1L/qt stick pack of T.O.P.S.™ purification powder



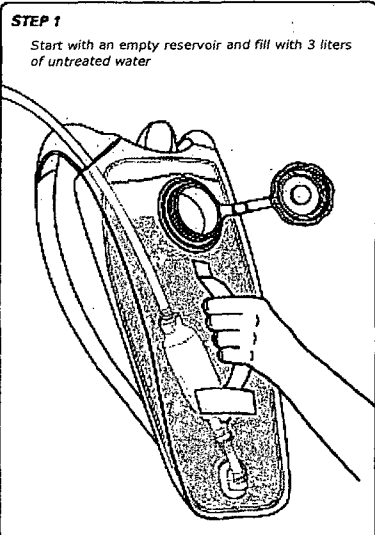
STEP 3

- Shake system for 1 minute
- Blow into tube for 2 seconds to clear any contaminated water from tube
- Wait 15 minutes (16 minutes total)
- Drink or dispense purified water through drink tube

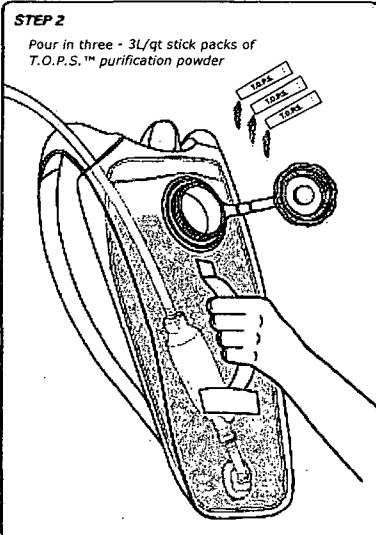


SYSTEM USER INSTRUCTIONS - 3 LITERS

STEP 1
Start with an empty reservoir and fill with 3 liters of untreated water

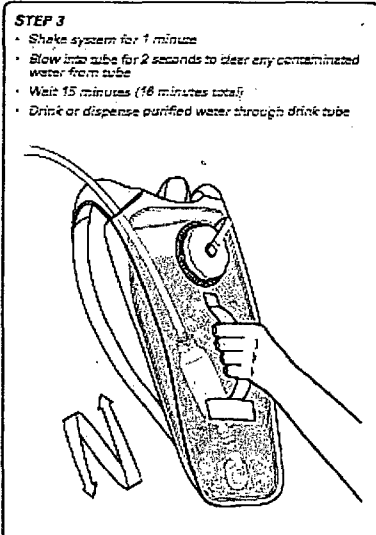


STEP 2
Pour in three - 3L/qt stick packs of T.O.P.S.™ purification powder



STEP 3

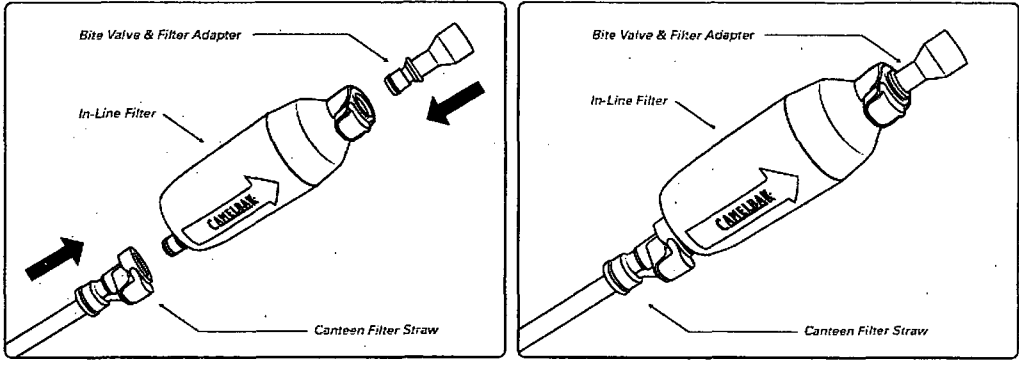
- Shake system for 1 minute
- Blow into tube for 2 seconds to clear any contaminated water from tube
- Wait 15 minutes (16 minutes total)
- Drink or dispense purified water through drink tube



Master Label

PREPARATION OF IN-LINE FILTER FOR CANTEEN USE

- a. Product comes assembled ready for canteen use. Follow these steps if necessary to re-assemble:
- b. Click bite valve and filter adapter into top of In-Line filter
- c. Click female Quick Link™ and canteen filter straw onto the male end of the In-Line filter



SYSTEM USER INSTRUCTIONS USING 1 OR 2 QUART CANTEEN FOR PURIFICATION

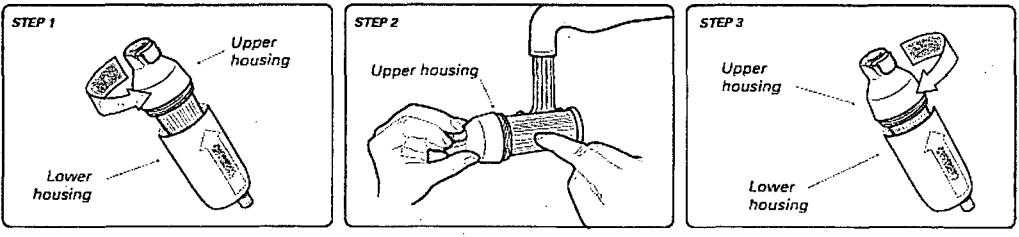
<p>STEP 1</p> <ul style="list-style-type: none"> • Open canteen and fill with 1 or 2 quarts of untreated water 	<p>STEP 2</p> <ul style="list-style-type: none"> • For 1 qt canteens, pour in one 1L/1qt powder stick pack. For 2 qt canteens pour in 2 1L/1qt powder stick packs • Seal screw cap to canteen • Mix for 1 minute • Wait 15 minutes (16 minutes total) 	<p>STEP 3</p> <ul style="list-style-type: none"> • Open canteen • Insert filter with straw and drink valve • Drink purified water through the bite valve
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IN-LINE FILTER MAINTENANCE

Before resuming normal potable water use; remove filter from tube, clean reservoir and tube following normal procedures, and reconnect drink tube to reservoir with Quick Link™ connectors.

A cleaning process can be used to remove excess debris from the filter to reduce required suction pressure and increase filter life. To clean, use the following steps:

1. Unscrew the upper filter housing from the lower filter housing in a counterclockwise motion.
2. Rinse pleated filter membrane in a microbiologically safe water source, such as a faucet. If needed, run a finger along the filter material to aid in debris removal. Do not use sharp objects such as a knife to remove debris from the filter since these objects could cause damage to the filter material.
3. Once the cleaning procedure is complete, reassemble the filter housing by screwing the upper and lower filter housings together in a clockwise motion. Tighten to hand tight only.
4. If the filter will not be used for a period greater than 24 hours, rinse the filter as described in maintenance Steps 1-3.



FILTER TROUBLESHOOTING

- At first use, entrapped air may diminish initial flow. Gently tap the side of the filter to "loosen" air bubbles and allow water to move through the filter.
- Filter flow is maximized with the filter oriented vertically. Use the filter with the flow arrow pointing up whenever possible.
- In order to increase flow, apply light pressure to the reservoir.