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Topi-CLICK[®] Micro[™] Patent Pending

Topi-CLICKMICROVet_032718

Improving Life Through Innovative Pharmacy Solutions



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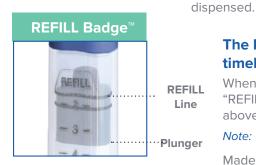


Topical Micro-dosing Application

Easy Screw Cap

STEP 1: Unscrew the cap of the Topi-CLICK[®] Micro[™] and set aside for recapping after use.





Veterinary Patient Instructions

- Automated-metered topical dosing provides an accurate and consistent dose every time
- Audible, Tactile and Visual CLICKs indicate measure of dose (no need to manually mark dose)
- Innovative TRIAD shape allows for precision handling



Built-in REFILL Badge helps pet owners reorder medication on-time



STEP 3:

Tube

Base

Holding the Micro[™] in an

the Base the number of

the Audible, Tactile, and

upright position, turn/CLICK

CLICKs or mLs specified on

the prescription label. Use

Visual CLICK points of the

indicators. Be sure to align

ensure dose is fully

Base with the Triad Tube to

triad shaped **Base** as dosing

STEP 2:

Apply topical medication with built-in applicator as directed by veterinarian or pharmacist. **Continue rubbing until preparation has completely saturated the prescribed areas through your pet's fur. IMPORTANT:** The built-in applicator lessens the risk of transference to unintended areas. No need to use your fingertips to apply medication.



Screw on cap after each dose to prevent evaporation. Be sure cap is secured

completely.

Each turn/Click of the base dispenses 0.05 mL of medication accurately.

The Refill Badge[™] reminder system helps pet owners reorder in a timely manner.

When the **TOP** black line of the **Plunger** reaches the embossed line below the word "REFILL" approximately 32 CLICKs are left. Approximately 12 CLICKs remain at the line above the word "REFILL".

Note: Follow instructions on prescription label before use. Topi-CLICK[®] Micro[™] is not re-fillable.

Made of FDA grade materials | Phthalate free | blocks UV and is Recyclable $\dot{t}\dot{\Delta}$.

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Note: Graduated Lines are for filling only and not for patients. **Top** black line of the plunger indicates **Fill Volume**. The embossed **Refill Badge** helps patients reorder medication in a timely manner.

EMP Jar

Quick-fill

Adaptor™

EMP Jar Quick-fill Adaptor™

topical medications directly

Filling- Screw on Topi-

Quick-fill Adaptor[™]. Fill

from mixing jar with this

CLICK[®] Micro[™] EMP Jar



Step 1: Filling Syringe Tip-to-Tip Filling-Screw Luer syringe to the Luer lock tip of the Micro[™]. Requires no extra Luer Lock adaptor.





added Micro[™] accessory.

Priming the Micro Advance the actuator to engage plunger by manually turning/ CLICKing base. The Actuator Bar should

seat completely to the plunger before priming. Actuator can also be advanced by using a mini cordless screwdriver to speed up the process (200 RPM Max). A Micro Driver Socket Bit[™] can be purchased for faster actuator advancement with a cordless mini screwdriver. (See Advancing Actuator Instructions.)

Step 3a: Priming

Prime the Micro[™] by turning/CLICKing the base until contents are dispensed, then wipe off. Be sure to align Micro[™] base with the triad tube. Approximate Priming: 0.10 mL or 2 CLICKs.

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Actuator Bar

to Plunger

Seated

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Proper Alignment Badge Note: Soft Angled Applicator™ placement requires tip to be aligned where lower slant of tip is on the same side as Refill Badge of the Micro™ tube.

Step 2: Applicator Tip Attachment -Select Applicator Tip and

press on by pushing straight down (important) against a hard surface.

Easy

Cap

Step 4: Cap Placement

Screw on cap securely

prevent evaporation.

to protect tip and

Screw

Select one of 3 applicators

Soft Angled Applicator

Rounded

Applicato

Pin Point Applicator



Step 5: Label Application Apply above the base opposite the "REFILL Badge" indicator.

 Dispense/CLICK: 0.05 mL
 Approx. Residual: 0.15 mL

 Dispenser Volume: Up to 9.75 mL
 Approx. Priming: 0.10 or 2 CLICKs

 Total Delivery Volume: Up to 9.50 mL
 9.50 mL



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Instructions to Advance the Micro™ Actuator with a Mini Cordless Screwdriver





Topi-CLICK[®] Micro Driver Socket Bit[™] SKU#: TC0910

Advancing the Actuator with a Mini Cordless Screwdriver

Actuator can be advanced by using a mini cordless screwdriver without a reversable trigger (200 RPM Max). Accidentally turning the base backwards could cause the Micro to slip in your hand.

The BLACK & DECKER[™] 3.6 Volt Pink Rechargeable Electric Screwdriver is recommended.

A **Micro Driver Socket Bit**[™] can also be purchased for faster actuator advancement with a cordless screwdriver. (See info below.)

Topi-CLICK[®] Micro Driver Socket Bit[™] - SKU#: TC0910

The triad-shaped Micro driver is designed to perfectly conform to the Micro Base. It should be used with a $\frac{1}{4}$ inch hex bit power screw driver. We recommend power drivers with a speed of 200 RPM or less to reduce the likelihood of damage to the Micro.

Step 1: Insert the **Micro Driver** into the screwdriver socket until it is properly seated. Depending on the manufacturer and model, there is usually a light click that lets you know when it is properly seated in the tool.

Step 2: Rotate the **Driver** in a clockwise direction to advance the **Micro Actuator** up the tube.

Notes:

We recommend stopping the Actuator Bar 1 mL short of the target graduation (currently only for priming 6 mL or smaller prescriptions.)

Step 3: Run up the **Actuator** using the **Actuator Bar** as a visual indicator. The **Actuator Bar** should seat completely to the plunger.



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MICRO DoseLogix Laboratory Test Results

Product performed per design specifications. Device is both highly accurate and precise, demonstrating a tight variance and an average dose being 98.7% of the rated dose. Product performance variance was reduced for two CLICKs versus one CLICK.

Qualifies inspection and is passed.

Accurate Micro-dosing Designed for Patients and Pets

Topi-CLICK® Micro™ Lifetime Dosing Accuracy					
	(1 CLICK or 0.05 mL)	(2 CLICKS or 0.10 mL)			
Average Dose	0.049 mL	0.099 mL			
Standard Deviation	0.003 mL	0.004 mL			
Coefficient of Variation	5.7%	3.8%			
Average Dose to Rated Volume	98.7%	98.7%			

Dispense/CLICK:	0.05 n	nL	Approx. Residual:	0.15 mL
Dispenser Volume:	Up to	9.75 mL	Approx. Priming:	0.10 mL or 2 CLICKS
Total Delivery Volum	ie:	9.50 mL		

*Volumes are approximate. As required for compounded prescription pharmaceuticals dispensed in volume dispensers; verify the weight to volume conversions thoroughly.

Made of FDA grade materials | Phthalate free | blocks UV and is Recyclable $\dot{\omega}$.

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