

# THERMACELL®

## MOSQUITO REPELLENT



### MR450

**Active Ingredient:**  
d-cis/trans allethrin . . . 21.97%  
**Other Ingredients** . . . . .78.03%  
**Total** . . . . .100.00%  
Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:** See box for additional  
First Aid and Precautions

## DIRECTIONS FOR USE

### USEFUL TIPS:

- Allow 10 to 30 minutes, depending upon the size of the area, for product to take effect.
- This product works best in outdoor areas where there is minimal air movement, such as yards and outdoor campsites.
- Provides a maximum of 4 hours mosquito repellency per mat.
- Original, Earth Scent and Max Life Thermacell refill mats are effective in Thermacell mosquito repellent devices.
- Mats turn from pale blue to white when mosquito repellent has been used up and needs to be replaced.
- Some visible vapor will appear during use; this is normal.
- Use additional mosquito repellents to cover a larger area.
- Altitudes above 7000 ft can effect product performance.
- Zone Indicator Light requires 1 CR2032 battery.
- The mosquito repellent and light features operate independently.

### Use Restrictions:

Only for outdoor use as a mosquito repellent. Do not use indoors, in tents or in any enclosed area. Do not insert anything other than Thermacell® mats into the mosquito repeller. Cover or remove all exposed food. Do not leave mosquito repeller unattended or use in windy conditions. Do not expose mosquito repeller or mats to rain. Place mosquito repeller on a flat, stable surface with the grill facing upward. Do not touch the grill; it will be hot after a couple of minutes. Clean with a damp cloth only when the mosquito repeller is cool and inactive. Only Thermacell® mats and cartridges will work in this mosquito repeller.

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



1. Remove one Thermacell® Mosquito Repellent mat from wrapper.

2. Make sure the 'ON/OFF' switch on the mosquito repeller is in the

'OFF' position. Insert the mat under the mosquito repeller's black grill. To change mats, slide the 'ON/OFF' switch to 'OFF' and allow the mosquito repeller to cool completely. Push the used mat out by inserting a fresh one.

3. Remove the mosquito repeller cap. Remove the cover from the cartridge.



4. Screw the cartridge into the opening of the mosquito repeller. Make sure the cartridge is fully inserted by turning it clockwise until it stops. Replace

the mosquito repeller cover.

5. Slide the 'ON/OFF' switch to the 'ON' position; the butane gas will begin to flow.

6. Wait approximately 5 to 10 seconds then depress the start button three to five times in rapid succession.

### TO USE THE ZONE INDICATOR LIGHT



1. To insert or change battery - remove two screws on the rear "wing" of the mosquito repeller (this is where the belt clip attaches). Remove wing. Remove white battery tray. Insert

new battery with + side down. Replace battery tray. Replace rear wing and tighten the two screws.

2. The Zone indicator light will automatically illuminate once the mosquito repeller begins to heat the mat. It may take 15 to 20 minutes for the zone to completely form. Light will turn off when the mat is no longer being heated indicating mosquito repeller may require restarting or fuel replacement or battery needs replacement.

3. The mosquito repeller can be used without the indicator light feature.

When finished using the mosquito repeller, slide the 'ON/OFF' switch to the 'OFF' position, and allow the mosquito repeller to cool completely. Mosquito repeller is now ready for storage.

### TROUBLESHOOTING

**If you do not see an orange glow through view window**

1. Repeat directions "To Turn On".
2. If there is still no orange light visible, make sure the fuel cartridge is completely screwed into place. Repeat "Turn On" directions. Confirm the orange glow is visible.
3. Check the amount of fuel in the cartridge. If cartridge is empty or near empty, remove cartridge and replace with a new cartridge. Repeat "Turn On" directions. Confirm the orange glow is visible.

**Not sure product is working?**

1. Place product upwind for maximum mosquito repellency. Windy conditions can reduce mosquito repellent effectiveness.
2. Check the mosquito repellent mat. Mats turn from pale blue to white when it has been used up. See directions to replace Thermacell Mosquito Repellent Mat.
3. Check the amount of fuel in the cartridge. If cartridge is empty or near empty, remove cartridge and replace with a new Thermacell cartridge. Repeat "Turn On" directions. Confirm the orange glow is visible.

**Still have questions?**

Call customer service at 1-866-753-3837 or email [Service@Thermacell.com](mailto:Service@Thermacell.com).