

# Gas-Vap®

Thank you for purchasing the Gas-Vap, the portable gas powered Oxalic acid vaporiser.

## **Safety first:**

There is no need to rush. It is very easy to use; however sensible safety precautions should be followed.

- Wear suitable gloves as the caps will get quite hot (a cloth is also handy to have)
- Wear a protective face mask suitable for dust and vapours and also wear eye protection
- Follow the instruction that came with your gas blowtorch. It should have a 22mm nozzle, otherwise a packing ring will be required to hold the blowtorch in position
- When using any Oxalic Acid products, please follow manufacturer's instructions carefully
- Have a couple of practice runs so you get familiar with its operation
- The measuring tool which I have supplied is approximately 2.5ml. This is more than sufficient to dose one hive
- When fitting the blowtorch use a twist push/pull action
- Keep blow torches and chemicals out of sight and reach of children

## **Directions for use:**

- Having filled the blowtorch with fuel, fit it to the Gas-Vap (push and twist action makes its easy)
- Light the blowtorch and adjust the flame setting. Start high and turn it down once warmed up, as this will save on gas (warming up should take about a minute)
- Whilst waiting for it to warm up, load the caps with Oxalic acid, using the measuring tool
- When you are ready to vape, take a cap in one hand, invert the Gas-Vap and fit the cap
- Now, still holding the cap, turn the Gas-Vap 180 degrees (the Oxalic acid will fall into the hot chamber and an initial cloud of vapour will be ejected)
- Wait a few seconds and vapour should stream out for a further 15 seconds, depending on how hot you have the gas torch (all in all, takes 30 seconds per hive)

## **Useful information:**

I don't usually block any entrances, as there is enough vapour to completely fill the hive. If you have any Poly hives, be careful the Gas-Vap body does not make contact or the poly may be damaged. If you have Poly hives with landing boards, take precautions to protect them from the heat, using either a damp cloth or a similar piece of wood. Success is usually about getting the timing right. If there is little or no brood in the hive, you will achieve the best results. (I put a monitoring board in place and count the mites daily or as often as I can and then record the mite drop). Vaping at 5 day intervals appears to be most effective. With a little practice, treating 10 hives usually takes less than 5 minutes from start to finish.

**YouTube Video:** [gasvap varroa mite treatment](#)

I hope you find this leaflet helpful, however if you have any questions or feedback on its use, please do not hesitate to email me: [gasvapuk@gmail.com](mailto:gasvapuk@gmail.com)

John Thorburn (Developer of Gas-Vap)