We get asked that question all the time, and rightly so ... any repellent product you use to protect yourself and your loved-ones needs to work since simple outdoor recreational activities and lifestyle choices we enjoy every day such as gardening, golfing, jogging, camping and hiking through wooded and grassy areas have now significantly increase our odds of coming into contact with many different insects that may carry life-altering, debilitating or incurable vector-borne diseases but they also need to be safe for us to use as well.

Here at LymeDefenses, Inc., we are dedicated to raising awareness regarding tick-borne diseases and how to reduce ‘tick encounters’ all year long. Utilizing my formal education in Environmental Biology and Chemistry as well as over 30 years’ experience in the Nuclear Research sector, I have been able to formulate effective, high quality, flea & tick repellent products that do not utilize the conventional, harmful/toxic insecticidal chemicals such as DEET, Permethrin or Picaridin. I have qualitatively tested and recorded acceptable trial data on our products to ensure they work and even posted some of the testing videos on our website to share with you.

All our products are manufactured following the Good Manufacturing Practices (GMP) for quality control. Our active ingredients have been chosen because they are historically known to invoke an ‘environmental irritant response’ in the ticks which gives rise to the repelling properties of the products not only for fleas & ticks but, as provided by feedback from our customers, for mosquitoes, blackflies and stable flies as well.

For Canadians, it is Health Canada who ensure that high-quality health services and products are accessible, and work as claimed, to reduce health risks to all of us. Currently, all of LymeDefenses, Inc. products meet Health Canada Directives for leave-on body/skin treatments and have calculated safe oral intake rates based on body weight for actively grooming dogs as well, i.e. a 10 - pound dog could effectively ‘lick-off’ 10 mL of our repellent spray and be within the acceptable daily oral intake guidelines.

Given the potential human and canine health implications when using insect repellent products, Health Canada now requires product performance to be > 95% repellency to support acceptable registration.

To this end, LymeDefenses, Inc. will begin actively seeking formal registration for all our tick repellent products with Health Canada's Pest Management Regulatory Agency (PMRA).

For the time being, we will continue to sell our LymeDefenses, Inc. original product formula in the following formats: (all of which are in for registration with Health Canada as cosmetic products, having no scientific claims attached).

1) LymeDefenses ‘Canine & Family-friendly’ Outdoor Body Spray;
2) LymeDefenses Canine & Family-friendly ‘Bug-Bomb’ Bath/Shower Scented Body Rinse; and

For regular updates on ‘how we are doing’ and other helpful information on tick-safety and how to reduce ‘tick encounters’ all season long, like and follow us on our Facebook page and on our website at https://lymedefenses.com