



## LION SMOKE LIQUID

# Give them better training and safer smoke

AN INNOVATIVE, WATER-BASED SMOKE LIQUID DEVELOPED TO PRODUCE VIRTUALLY NO TRACES OF TOXINS

Using LION's Smoke Liquid, our Smoke Generators continuously produce the best smoke possible for fire and emergency services training. You can count on our Smoke Generators to last through your toughest training demands, all without exposing them to dangerous chemicals.

### KEEP THEM SAFE WHEN TRAINING

Our mission is to keep firefighters and instructors safe and healthy during training. To do this, we specially designed our smoke liquid so that it produces virtually no traces of toxins or harmful chemicals. You and your trainees can get the most from your training without all the health risks.

The United States National Institute of Occupational Safety and Health (NIOSH) conducted a study on the risks of breathing in formaldehyde and diethylene glycol while using oil-based and glycol-based smoke liquid in firefighter training.

The report concluded that in both types of smoke, there were times where firefighters were being exposed to these chemicals at rates higher than the exposure limits. Inhaling high amounts of formaldehyde and diethylene glycol has been linked to skin irritation, serious lung damage, and cancer.

### THE SMOKE DOESN'T STOP UNTIL YOUR TRAINING IS DONE

The dual core heater means our generators can create endless amounts of smoke so thick and dense you'll swear there's a real fire in the building. Continuous smoke production means your training area gets smoked out, and stays smoked out, until you're worn out.

Our generators and smoke liquid work together to produce smoke that does not leave a residue or gunk up the generator, so you can train all day without worrying about extensive clean up.

AVAILABLE PRODUCTS: A. LION Smoke Fluid Container (US) B. LION Smoke Fluid Container (EU)



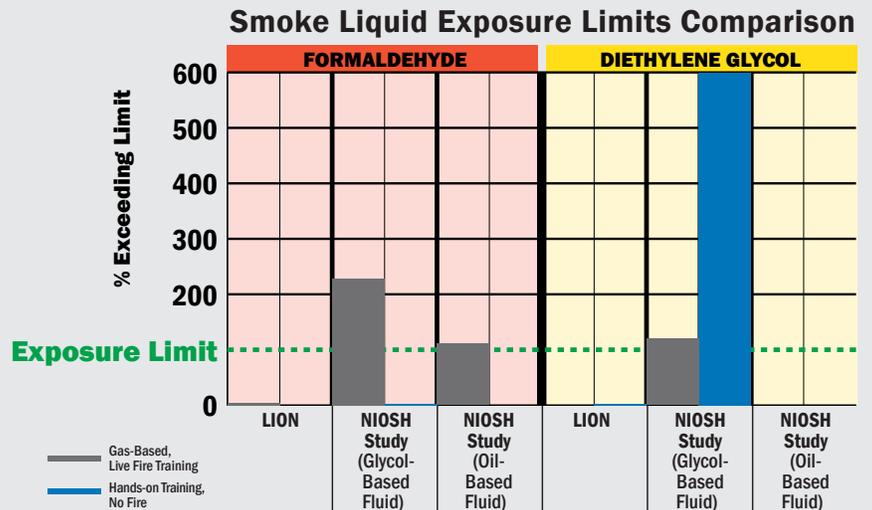
NOTE: Product availability and design may differ based on market location.

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### HOW OUR SMOKE COMPARES

Although NIOSH did not use any of our Smoke Generators in their testing, we always want to make sure we are on the cutting edge of safety. So, we commissioned an independent third party to test our smoke to see how it compared.

As you can see in the graphic, our Smoke Generators were far below the exposure limits in all tests, and undetectable in many conditions\*. Rest assured that your firefighters can train using our generators and smoke liquid all day, without worrying about any devastating health effects.



\*Validated through independent study conducted by Industrial Hygienist.

†LION recommends using respiratory protection when using Smoke Generators for firefighter training and in heavy smoke conditions.