

Why the BluSkies P3 fuel primer makes everything a little greener...

“We analyzed evaporative emissions from gasoline fuel tanks used in boats and determined that they emit over 100,000 tons of gasoline vapors each year across the United States. Most of these emissions occur either from permeation of the fuel through plastic fuel tanks and rubber hoses, or as a result of heating of the fuel from normal daily temperature changes (diurnal emissions). These vapors contribute to the formation of smog and contain toxic compounds such as benzene. The Clean Air Act requires EPA to set emission standards to address these problems. These impacts are described in more detail in “FAQ: Environmental Impacts of Recreational Vehicles and Other Nonroad Engines” (EPA420-F-01-030, September 2001).”- *Reference, July 2002 , FAQ-United States Environmental Protection Agency-Air and Radiation, EPA420-F-02-008*

Additionally, EPA has documented that hoses and primer bulbs combined using E-10 fuel, contribute circa 222 g/m²/day of hydrocarbons into the atmosphere.

According to the NMMA (facts and figures 2005) there are circa 8,000,000 outboards and small outboards registered in the US.

The average primer bulb has an internal surface area of 0.012177m² or ~1.2 m² per 100 bulbs.

Therefore if we divide the number of “in use” outboards by 100 we can extrapolate that there are approximately 80,000 X 1.2 square meters @ 222 grams, which equals 21,312,000 grams or 46,984.44 lbs total of hydrocarbon emissions’ solely from primer bulbs each day.

In more realistic terms there are ~7lbs per gallon (US) and that equates to 6,712 gallons per day or 2,449,880 gallons annually.

The BluSkies P3 fuel primer has a validated emission limit below **.6 g/m²/day**

If you do the math... that’s only 18.14 gallons per day OR a potential reduction of **~2,443,259** gallons of hydrocarbon emissions annually.

So in addition to helping keep the **environment** clean, we like to think of it as an average fuel cost savings of \$2.60 per gallon, in excess of **\$6.3 million dollars** extra we will have to spend on our favorite pastime of boating.

