

Ezfire gels
 Mixing instructions

1. Clean mixing container
2. Fill container with desired fuel, gradually mix Ezfire powder to fuel (1 oz powder by wt. to about 100 fl. oz of fuel) ex. 2.4 lbs Ezfire to 30 gal. (US), Of Gasoline or using 55 Gal drum 4.4 lbs of Ezfire per drum of Fuel.
3. Increase the quantity of Ezfire not more than 1/3 at a time if you require faster mixing times, use caution, as too much Ezfire may result in too thick of a Gel than desired.
4. Once gelled, the mixture should be stable for 2-3 weeks regardless of fuel used.
5. At anytime if a more viscous (thicker) gel is desired, additional Ezfire may be added. Exercise care when doing so as it is harder to disperse powder into gelled fuel.
6. Warming fuels above 70 deg. F does not accelerate gelling.
7. It is important to note that fuel blends and types will vary from season to season, and from jobber to jobber, test mixing a sample prior to a larger quantity is most helpful in determining proper mix ratios, i.e. for hand applications, a thicker gelatinized state may be desired, (hard jello state), more EZfire powder may be required, it is easier to mix and agitate powder before the mix begins to gelatinize, Continued stirring is difficult and does provide for a consistent gel.
8. JetB (Naptha based) and NON-ETHANOL gasoline are the fastest gelling fuels, but Jet-A is the most stable when gelled lasting a month or more. A mixture of JetA with gasoline may be considered when using in warmer weather, or for drip torch (ground) applications, straight JetA(#1 diesel).
9. As temperatures lower, more gasoline in the mix will result in faster mixing and easier ignition of the gelled fuel.
10. Maximum viscosity is obtained by JetB or NON-ETHANOL gasoline within 5 minutes of gellation. The other two fuels are slower (#1 diesel/JetA, and ethanol-gas mixes).
11. If NON-ETHANOL gasoline is unobtainable, ethanol gasoline mixtures will gel, but may require more Ezfire to achieve the desired level of viscosity.

EZfire gels mix ratios/given qty of NON-ETHANOL Gasoline

lb./US Gal.	lb./30 US Gal.	lb./55 US Gal.	lb./Imp. Gal	g/l
.060	2.4	4.4	.065	6

Cold ambient temperature instructions:

When mixing EZfire with fuels that are below 45-50 deg. F, a premix solution of 100% isopropyl alcohol with EZfire powder emulsified in the alcohol may be helpful in reducing clumping tendencies which can result from attempting to mix EZfire directly into chilled fuels. Use sufficient amounts of alcohol to completely suspend the powder in liquid solution, then add this solution to the desired fuel, and agitate until gelatination occurs. Note that more mixing time needs to be allocated for colder fuels.

Storage/handling instructions for EZfire gels powder

EZfire gels powders are packed and shipped in a plastic lined craft bag. Bags should be stored in a dry place, if left in a humid clime, a “hard packing” effect may be the result. The powder may be rendered serviceable by breaking up hard lumps until the powder state is re-established, prior to mixing with fuels. A dust particle mask should be used to avoid inhalation of dust, though EZfire has an extremely low hazard for exposure. See MSDS for complete information for safe handling practices and methods.