



Alcohol Fuel: A Guide to Making and Using Ethanol as a Renewable Fuel (Books for Wiser Living from Mother Earth News)

By Richard Freudenberger

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Dwindling petroleum supplies and growing environmental concerns are significantly impacting the cost of petro-fuel and its infrastructure. The search for alternative fuel sources has led to ethanol, a gasoline substitute that is already in the marketplace as Gasohol and E-85. But large-scale production of corn-based ethanol is controversial as it threatens the world's food supply. There are alternatives, however: Brazil uses sugar cane, which is up to six times more productive in energy conversion.

After the energy crisis of the 1970s, there was a lot of misinformation about the cost of individual ethanol production. In order to achieve energy independence from gasoline, ethanol lends itself to small-scale production, and especially to cooperative ventures in rural communities, often using “waste” feedstock.

Alcohol Fuel is a practical, grassroots book that will give readers all the information they need, covering every aspect of making and using ethanol for fuel, including:

- Permitting and planning
 - Budgeting and setup
 - Sourcing feedstocks
 - Finding and building distillation equipment
 - Storage and safety
 - Practical applications for converting motor vehicles, farm equipment, and space-heating systems
- The practical, user-friendly information on basic equipment needs, fermentation recipes, and distillation designs will be of interest to readers looking for information, as well as to those ready to make the switch. **Richard Freudenberger** was research director of *Mother Earth News*, where he managed the Alcohol Fuel Program and developed solar and renewable solar and energy projects. He is publisher and technical editor of *BackHome* magazine and lives in Hendersonville, North Carolina.

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Editorial Review

Review

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(2008-05-07)

About the Author

Richard Freudenberger was research director with Mother Earth News, managing the Alcohol Fuel Program and developing solar and renewable solar and energy projects. He is publisher and technical editor of BackHome Magazine and lives in Hendersonville, North Carolina.

Users Review

From reader reviews:

Vickie Reed:

In this 21st hundred years, people become competitive in each way. By being competitive currently, people have do something to make these survives, being in the middle of often the crowded place and notice by means of surrounding. One thing that at times many people have underestimated it for a while is reading. Yes, by reading a book your ability to survive raise then having chance to stay than other is high. For you who want to start reading a new book, we give you this specific Alcohol Fuel: A Guide to Making and Using Ethanol as a Renewable Fuel (Books for Wiser Living from Mother Earth News) book as nice and daily

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Juanita Jones:

Alcohol Fuel: A Guide to Making and Using Ethanol as a Renewable Fuel (Books for Wiser Living from Mother Earth News) can be one of your starter books that are good idea. Most of us recommend that straight away because this book has good vocabulary that will increase your knowledge in words, easy to understand, bit entertaining however delivering the information. The article author giving his/her effort to put every word into satisfaction arrangement in writing Alcohol Fuel: A Guide to Making and Using Ethanol as a Renewable Fuel (Books for Wiser Living from Mother Earth News) although doesn't forget the main place, giving the reader the hottest and based confirm resource details that maybe you can be considered one of it. This great information can drawn you into new stage of crucial pondering.

Sherry Ellis:

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Charles Frye:

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