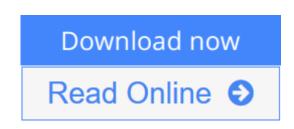


Alcohol Fuel: A Guide to Making and Using Ethanol as a Renewable Fuel (Books for Wiser Living from Mother Earth News)

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 systemsThe 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

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Users Review

From reader reviews:

Vickie Reed:

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Sherry Ellis:

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Charles Frye:

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