



CATI

Center for Advanced Technology and Innovation

Water-based microemulsions of a triazole fungicide

Description: Researchers at International Specialty Products, a global chemical company located in Wayne, N.J. have developed clear, stable, efficacious, aqueous microemulsions of an active triazole fungicide, e.g. penconazole. Upon dilution with water, a stable, aqueous microemulsion is formed characterized by having a high loading of triazole fungicide e.g. 1-25% (before dilution), preferably about 14%.

Patent Listing:

1. **US Patent No. 5,326,789**, Issued 07/05/94, "Water-based microemulsions of a triazole fungicide"

Market Potential: Emulsifiable fungicide concentrate

Benefits:

- Stable concentrate delivery system for fungicides
- Smaller packaging, lower shipping costs

Applications:

- Agricultural Market
- Consumer Market for Producers of Lawn Care Products

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