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Furfural

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DESCRIPTION

Furfural obtained from pyrolysis of sunflower seed hulls. Purity mayor o igual al 95%. Potential substitute for petroleum-based building blocks used in the production of fine chemicals and plastics.

APPLICATIONS

Solvent, flavor enhancer for food and drinks. Manufacture of fungicides, nematicides, gasoline additives, lubricants, resins, decolorizing agents, drugs, insecticides, bio-plastics

ADVANTAGES

- Renewable, non-petroleum based, chemical feedstock
- Natural, green chemical
- Bioproduct

DEVELOPMENT STATUS

Product developed by pyrolysis reaction fom agroindustrial waste at bench-scale. Positive economic technical feasibility analysis.

RESEARCHERS

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