

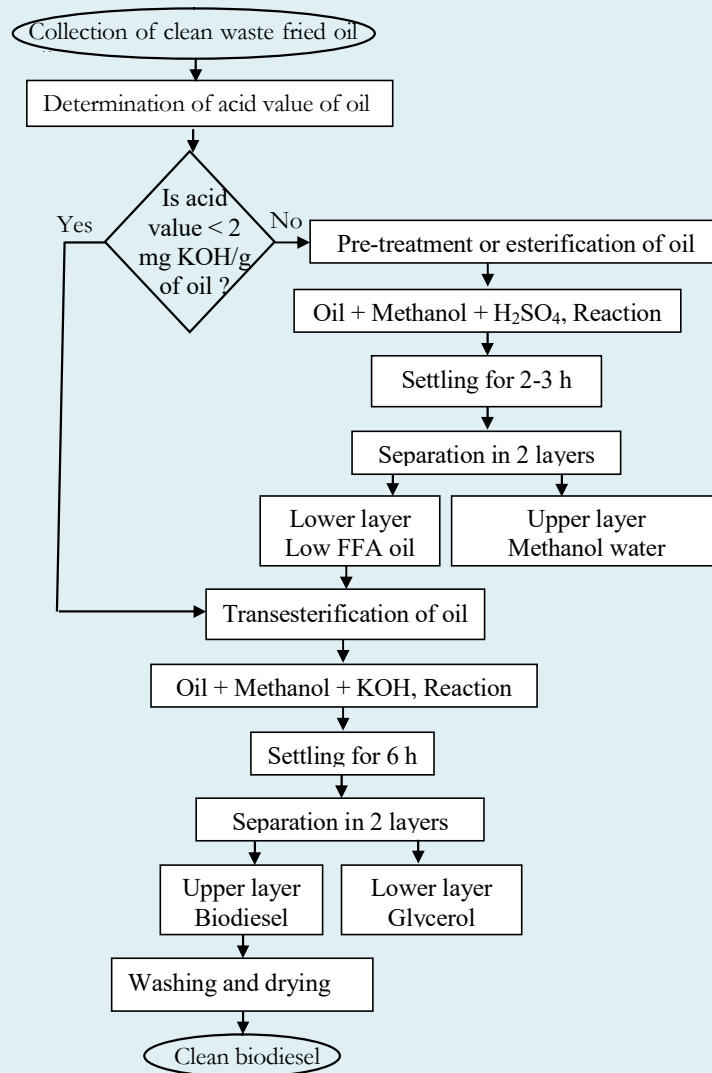
Biodiesel from Waste Fried Oil

Salient features

- Biodiesel meeting the automotive standards from waste fried oil
- Two-stage process of acid pre-treatment and transesterification using base catalyst
- Variants in process using intensification strategies, sensors to monitor the process.
- High rate of conversion with viscosity of biodiesel close to regular diesel.

Advantages

- ✓ Valorization of waste from food processing industries and street side food.
- ✓ Removal of nuisance from atmosphere
- ✓ Blending with diesel will help in reducing carbon footprint.



Flow chart for biodiesel production process

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