KEMENTERIAN PERUSAHAAN PERLADANGAN DAN KOMODITI

MPOB

27th MPOB TOT 2021

TRANSFER OF TECHNOLOGY

SEMINAR & EXHIBITION



HIGH PERFORMANCE OLEOCHEMICAL SURFACTANT FOR HOUSEHOLD CLEANING PRODUCTS

Local ingredient for high performance cleaning activities

Research Focus Area : Sustainability Development
Program : Value Addition

TECHNOLOGY HIGHLIGHTS

- MPOB TT268 Palm-based Liquid Dishwash
- MPOB TT269 Palm-based Gel Dishwash
- MPOB TT270 Palm-based Handwash
- MPOB TT396 Palm-based Paste Dishwash
- MPOB TT283 Improved Technology for the Production of Palm-based Powder Detergent
- MPOB TT284 Improved Technology for the Production of Palm-based Liquid Detergent

DESCRIPTION

- Methyl ester sulphonates (MES) are now commercially available domestically. MPOB has developed the following high performance cleaning products for Small Medium Enterprises to take up.

NOVELTY/HIGHLIGHTS

- MES is an oleochemical-based surfactant that is environmentally friendly, cheaper and better performance than petrochemical-based linear alkyl benzene sulphonates or LAS.
- MES can be formulated into detergent using low energy and low cost equipment.

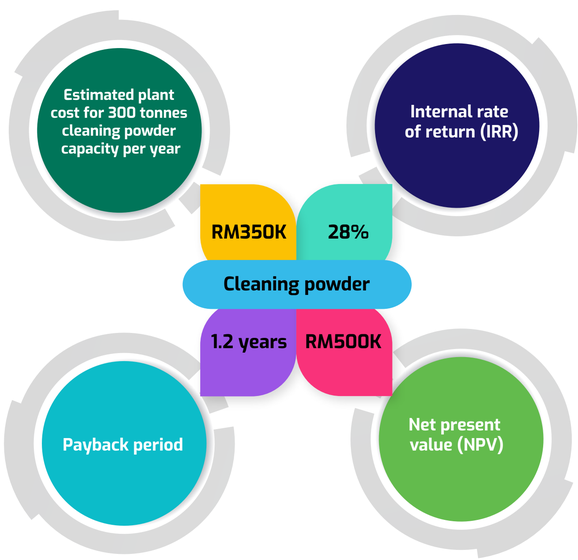
ADVANTAGES

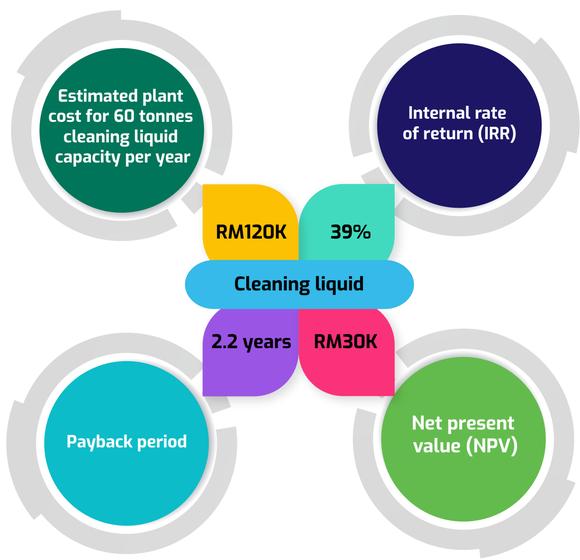
- Locally available ingredients
- Environmentally friendly ingredients
- High performance and deeper clean
- Gentle on skin

SERVICES OFFERED

- Tailor-made formula and formulation guide
- Pre-commercial consultancy
- Commercial production consultancy
- Production trials and performance test facilities

Economic Analysis











www.mpob.gov.my

Sawit ANUGERAH TUHAN