

Soap Carbonate Technology

Bolt-on Solution for Soapstock

© Inventure



Soapstock is a low-value byproduct of edible oil refineries.

Our Soap Carbonate Technology is a revolutionary alternative to sulfuric acid acidulation.

It is able to harvest all free or bound Fatty Acid molecules present in the soapstock, regardless of their source.



Avantages

- Converts fatty matter in the soapstock to valuable Fatty Acids
- Green technology: no waste water generation, captures CO₂
- Easy & safe to operate: no dangerous chemicals, bolt-on unit
- Financially attractive



Feedstock

Any fatty matter / soap / water mix,

- Soapstock
- Fatty acids distillate
- Oils/fats
- Gums
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Products

- Distilled fatty acids
- Process water from evaporation
- Meal additive

Economics for a 3,000 tpd crush / 600 tpd refinery

