



BCSIR Dhaka Laboratories, BCSIR

Process	Cotton seed Oil
Use	Crude cottonseed oil has been used in toiletries (e.g. Soaps, facial wash, shampoo and lotions) industries
Major Raw Materials	Waste cotton seed
Major Plant Equipment	Distillation equipment, Heating mantle etc.
Specific Application	<ul style="list-style-type: none">• The main fatty acids found in crude cotton seed oil are palmitic acid, stearic acid, linoleic acid, caprylic acid, elaidic acid.• Palmitic acid does display antioxidant properties. Also Palmitic acid can be used as surface active agents.• Caprylic acid is used in perfumery.• Stearic acid is mainly used in the production of detergents, soaps and cosmetics such as shampoos and shaving cream products.
Status of Development	It is developed and tested.
Ecological/Environmental Impact(if any, specify briefly)	Process is environment friendly
Commercialization Status	Ready for commercialization.
Techno-Economics	Available on demand.
Keywords	Waste cotton seed, toiletries, distillation etc.
Cost of product	100 Tk/ L
Contact Address	Director, BCSIR Dhaka Laboratories, Phone: 0258617924 Sr. Ind. Liaison Officer, BCSIR, Dhaka.