

**Introduction :**

Liquid detergent is commonly known in the trade as liquid soap and is widely used in Hotels, Canteens, laundries, Hospitals and in domestic purpose etc. The ingredients are blended in simple mixers fitted with slow speed stirrer. Contact parts should be of Stainless Steel or other corrosion resistant material, to avoid contamination of the products. Mixing Tanks can be of Mild Steel coated with Epoxy resin, as well as of Stainless Steel. Liquid Detergents are packed usually in the containers viz. glass bottles, plastic bottles of various shapes and sizes and drums etc. The quality of the product can be controlled with help of a pH meter, viscometer and basic analytical facilities.

**1 Name of the Product : LIQUID DETERGENT****2 Project Cost :****a Capital Expenditure**

Land	:		Rs.	Own
Work shed in sq.ft	rented	0	Rs.	-
Equipment	:		Rs.	200,000.00

M.S. tank with FRP lining, complete with motor of 2 H.P. capacity 200, Steel Drums, Bottle Filling Machine, Bottle Sealing Machine, Laboratory Equipments, Electrification charges @ 10% of the cost of the M & Equipments.

Total Capital Expenditure	Rs.	200,000.00
b Working Capital	Rs.	200,000.00
<b>TOTAL PROJECT COST :</b>	<b>Rs.</b>	<b>400,000.00</b>

**3 Estimated Annual Production Capacity:**

(Rs. in 000)

Sr.No.	Particulars	Capacity in No./Q.	Rate	Total Value
1	LIQUID DETERGENT	60000 Bottels	20.00	1219.00
<b>TOTAL</b>		<b>0.00</b>	<b>20.00</b>	<b>1219.00</b>

4	Raw Material	:	Rs.	740,000.00
5	Labels and Packing Material	:	Rs.	75,000.00
6	Wages (1-Skilled )	:	Rs.	90,000.00
7	Salaries (1-Manager)		Rs.	120,000.00

**PAGE ( 2 )**

<b>8</b>	<b>Administrative Expenses</b>	<b>:</b>	<b>Rs.</b>	<b>40,000.00</b>
<b>9</b>	<b>Overheads</b>	<b>:</b>	<b>Rs.</b>	<b>50,000.00</b>
<b>10</b>	<b>Miscellaneous Expenses</b>	<b>:</b>	<b>Rs.</b>	<b>50,000.00</b>
<b>11</b>	<b>Depreciation</b>	<b>:</b>	<b>Rs.</b>	<b>20,000.00</b>
<b>12</b>	<b>Insurance</b>	<b>:</b>	<b>Rs.</b>	<b>2,000.00</b>
<b>13</b>	<b>Interest (As per the PLR)</b>			
	<b>a. C.E.Loan</b>	<b>:</b>	<b>Rs.</b>	<b>26,000.00</b>
	<b>b. W.C.Loan</b>	<b>:</b>	<b>Rs.</b>	<b>26,000.00</b>
	<b>Total Interest</b>		<b>Rs.</b>	<b>52,000.00</b>
<b>14</b>	<b>Working Capital Requirement</b>	<b>:</b>		
	<b>Fixed Cost</b>		<b>Rs.</b>	<b>238,000.00</b>
	<b>Variable Cost</b>		<b>Rs.</b>	<b>981,000.00</b>
	<b>Requirement of WC per Cycle</b>		<b>Rs.</b>	<b>203,167.00</b>

**15 Cost Analysis**

<b>Sr.No.</b>	<b>Particulars</b>	<b>Capacity Utilization(Rs in '000)</b>			
		<b>100%</b>	<b>60%</b>	<b>70%</b>	<b>80%</b>
<b>1</b>	<b>Fixed Cost</b>	238.00	142.80	166.60	190.40
<b>2</b>	<b>Variable Cost</b>	981.00	588.60	686.70	784.80
<b>3</b>	<b>Cost of Production</b>	1219.00	731.40	853.30	877.10
<b>4</b>	<b>Projected Sales</b>	1470.00	882.00	1029.00	1176.00
<b>5</b>	<b>Gross Surplus</b>	251.00	150.60	175.70	200.80
<b>6</b>	<b>Expected Net Surplus</b>	231.00	131.00	156.00	181.00

Note : 1.All figures mentioned above are only indicative.  
2.This is model project profile for guidance  
3.Cost of Project, and its prioifility will be changed depends on the area, availability of raw Material, man power, power requierement and various other factors etc..