

**KHADI & VILLAGE INDUSTRIES COMMISSION**  
**PROJECT PROFILE FOR GRAMODYOG ROZGAR YOJANA**  
**MANUFACTURING OF DETERGENT POWDER AND CAKE**

Due to the disadvantage of the laundry soap in the hard water, the detergent cake and powder have taken an important role in the washing era. The expansion of the petro-chemical industries the raw material is easily available. Relatively less costly and easy to use have already created a good market for detergent powder and cake. The demand will be ever increasing and there is good profit in the Industry.

<b>1. Name of the Product</b>	<b>:</b>	<b>Detergent Powder and Cake</b>
<b>2. Project Cost</b>	<b>:</b>	
(a) Capital Expenditure		
Land	:	Own
Building Shed 500 sq.ft.	:	Rs. 100000.00
Equipment	:	Rs. 250000.00
(Sigma Mixure, Three Roll Milling M/c, Plodder type simplex cutting M/c, Roll making Machine, Sealing M/c, Weigh balance etc..)		
Total Capital Expenditure	:	Rs. 350000.00
(b) Working Capital	:	Rs. 170000.00
<b>TOTAL PROJECT COST</b>	<b>:</b>	<b>Rs. 520000.00</b>

**3. Estimated Annual Production of Detergent Powder : (Value in ₹000)**

Sl. No.	Particulars	Capacity	Rate	Total Value
1.	Detergent powder and Cake	150.00 Tons	4546.00	682.00
	<b>TOTAL</b>	<b>150.00</b> Tons	<b>4546.00</b>	<b>682.30</b>

<b>4. Raw Material</b>	<b>:</b>	<b>Rs. 240000.00</b>
<b>5. Labels and Packing Material</b>	<b>:</b>	<b>Rs. 50000.00</b>
<b>6. Wages (Skilled &amp; Unskilled)</b>	<b>:</b>	<b>Rs. 200000.00</b>

<b>7. Salaries</b>	:	<b>Rs. 36000.00</b>
<b>8. Administrative Expenses</b>	:	<b>Rs. 25000.00</b>
<b>9. Overheads</b>	:	<b>Rs. 50000.00</b>
<b>10. Miscellaneous Expenses</b>	:	<b>Rs. 10000.00</b>
<b>11. Depreciation</b>	:	<b>Rs. 30000.00</b>
<b>12. Insurance</b>	:	<b>Rs. 3500.00</b>
<b>13. Interest (As per the PLR)</b>		
(a) Capital Expenditure Loan	:	Rs. 45500.00
(b) Working Capital Loan	:	Rs. 22100.00
<b>Total Interest</b>	:	<b>Rs. 67600.00</b>
<b>14. Working Capital Requirement</b>		
<b>Fixed Cost</b>	:	<b>Rs. 120000.00</b>
<b>Variable Cost</b>	:	<b>Rs. 562100.00</b>
<b>Requirement of Working Capital per Cycle</b>	:	<b>Rs. 170525.00</b>
<b>15. Estimated Cost Analysis</b>		

Sl. No.	Particulars	Capacity Utilization (Rs. in i000)			
		100 %	60 %	70 %	80 %
1.	<b>Fixed Cost</b>	120.00	72.00	84.00	96.00
2.	<b>Variable Cost</b>	562.00	337.20	393.40	449.60
3.	<b>Cost of Production</b>	682.00	409.20	477.40	545.60
4.	<b>Projected Sales</b>	850.00	510.00	595.00	680.00
5.	<b>Gross Surplus</b>	168.00	100.80	117.60	134.00
6.	<b>Expected Net Surplus</b>	138.00	71.00	88.00	104.00

**Note:**

- All figures mentioned above are only indicative and may vary from place to place.
- If the investment on Building is replaced by Rental Premises-
  - Total Cost of Project will be reduced.
  - Profitability will be increased.
  - Interest on Capital Expenditure will be reduced.