

SCOURING POWDER

I. INTRODUCTION:

Scouring powder is used for cleaning floor, tiles, wash basins, utensils, etc. Scouring powder contains a bleaching agent for whitening dull deposits on floor or basic surfaces and it also acts as disinfectant. The scouring can replace soap which is used commonly, as it is superior than soap for cleaning utensils et. Silica flour that is one of the main ingredients is derived from sandstone and quartz. To prevent surface scratching they are ground to a fine powder of 200-300 mesh size.

II. MARKET POTENTIAL

Every household needs scouring powder to keep the floors, wash basins, glaze tiles, utensils etc. clean and hygienic Scouring powder has an edge over ordinary soap as it can remove the dirt more effectively and it also can act as disinfectant. As the population is growing and the media is creating awareness of such products, the demand for scouring powder will increase. The price of the product being very reasonable compared to its utility, the demand for purchasing scouring powder is increasing.

III. BASIS AND PRESUMPTIONS:

Working hours per day 8 hours

Working days in an year 300 days

IV. IMPLEMENTATION SCHEDULE:

The unit can be set up in one month

V. TECHNICAL ASPECTS:

1.Process of Manufacturing:

Silica flour which is ground to about 300 mesh size is mixed with dodecyl benzene sulphate(acid slurry) and sodium hydroxide. These ingredients are properly mixed in sigma mixer. Perfume and colour are added to the mixer to give the product its distinct characteristics. After allowing some time for the mixture to mature,the product is weighed and packed.

2.Quality Specification

as per the latest quality

3.Production Capacity per annum

Production capacity 50 MT

Capacity utilisation 60 %

Annual production 30 MT

VI. TOTAL CAPITAL INVESTMENTS

S.No	Description	Value Rs.
1	Fixed Capital	77000
2	Working capital for 2 months	36536
	Total cost	120536

VII. MEANS OF FINANCE

1.Promoter's Contribution (5% of total cost)	5677
2.PMRY subsidy (15% of total cost or Rs.7500,whichever is less)	7500
3.Bank loan[total cost-(Promoter's Contribution+ PMRY subsidy)	100359

VIII. FINANCIAL ASPECTS

1. FIXED CAPITAL

i. **Land & Buildings:** Rented premises at a rent of Rs.1000 pm.

ii Machinery & Equipment

S.No	Description	Quantity	Value Rs.
1	Sigma Mixer-3 HP motor, 50 kg. Capacity	1	45000
2	Pulveriser 250 mesh	1	20000
3	Weighing scales		3000
4	Bag sealing Machine		700
5	Drums, Buckets, etc.		1800
6	Misc. Fixed assets		1500
7	Pre-operative Expenses		5000
	Total		77000

2. WORKING CAPITAL

i) Staff & Labour per month

S.No	Designation	No	@ Rs.	Value Rs.
1	Manger	1	2000	2000
2	Skilled worker	1	1500	1500
3	Unskilled worker	1	1000	1000
	Total			4500

ii) Raw Material (p.m.)

S.No	Description	Quantity	Value Rs.
1	Silica Flour	2400 kg.	3600
2	Acid slurry	65 kg.	3250
3	Sodium hydroxide	16 kg.	288
4	Trisodium Phosphate	15 kg.	300
5	Perfume		350
6	Colour		150
	Total		7938

iii. Utilities per month

S.No.	Description	Value Rs.
1	Power	700
2	Water	130
	Total	830

iv. Other expenses per month

S.No	Description	Value Rs.
1	Packing Materials	3000
2	Conveyance, postage, stationery, telephone, misc. exp.	1000
	Total	4000

v. Total working capital per month

S.No	Description	Value Rs.,
1	Rent	1000
2	Staff and labour	4500
3	Raw materials	7938
4	Utilities	830
5	Other expenses.	4000
	Total	18268

IX. COST OF PRODUCTION PER ANNUM

S.No	Description	Value Rs.
1	Total working capital	219216
2	Depreciation	7200
3	Interest	17031
	Total	243447

X. TURNOVER PER YEAR

S.No	Item	Quantity	Rate Rs.	Value Rs.
1	Scouring powder	30 MT	9000 /MT	270000
	Total			270000

XI. FIXED COST PER YEAR

S.No	Description	Value Rs.
1	Depreciation	7200
2	Interest	17031
3	Rent	12000
4	40% of salaries & wages	21600
5	40% of other expenses (utilities + OE)	23184
	Total	81015

XII. PROFIT ANALYSIS

Net Profit : sale-total cost= $270000-243447=26553$

% of Profit on Sale: Profit / Sale x100 = $26553/270000]100=9.83\%$

% of Return on Investment: Profit / (Investment) x 100= $26553/120536]100=23.39\%$

Break-Even Analysis : FC / (FC+Profit) x100= $81015/81015+26553]100=75.32\%$

XIII. MACHINERY SUPPLIERS

M/s Dalal Engineering (P)Ltd

Kareser GA Road, Thane

Chemech Engineers, 16/3 Sterling road, Madras.