

Project Profile

Product	Bouquet Fancy Soap
Quality Standard	IS: 2888-1974
Production Capacity (P.A)	
Quantity	5, 88,180 Nos.
Value	Rs.30,87,945
Month and year of Preparation	December,2010
Prepared By	Chemical Division MSME-DI, Okhla Industrial Estate, Okhla, New Delhi-20 Phone No-6838118 6838068 Fax No. 6838016

PROJECT PROFILE ON BOUQUET FANCY SOAP

INTRODUCTION

In present age, all people want to appear smart and elegant in his personality. Manufacturing of fancy Soap is a well known and established old technique, and, its uses have been in vogue since time immemorial but its uses spread and increased during the last say fifty years only. The principal raw material of soap are oil and fats. According to these raw materials the quality of soap and category of soap is changed. There are various kinds of fancy soap and this bouquet fancy soap is one of them. The history of soap industry in India is very old say since 1889. The use of soap or soap like cleaning agent has always been associated with man's inherent instinct to keep his body and other belonging clean. This bouquet Fancy soap falls under category of toilet skin cleaning soap so this bouquet fancy soap has to be of high quality for mild skin as it is generally used for body cleaning say infants too.

PRODUCT & ITS USES.

This bouquet fancy soap is a type of toilet soap and help remove slag from skin to make skin a brilliant glow. Its properties and uses will be as good as of others general toilet soap. This kind of soap got a marvelous momentum first in hilly areas, so, its name has been popular as a bouquet fancy soap. This soap can also be a transparent type but in this project profile only opaque toilet soap has been taken into account. The necessary raw materials are needed to be of high purity and the finished product should have the balanced pH as its froth may enter the eye. The bouquet fancy soap can be applied over all part of the body to get a better glow on the skin particularly face and around.

MARKET POTENTIAL

There is a vast market available for Bouquet fancy Soap in Delhi and its around. It being soft in nature will act on skin giving soothing effect. This Bouquet fancy soap is nothing but a toilet soap of good and refined quality and balanced pH, so this soap have as good market as other toilet soap have. Because of its charming name this soap can be used by all male, female irrespective of caste, creed and sex. As the fashion grows up

its market potential will also grow accordingly. Considering the population trend in the country, there is still a ample scope for growth of this industry. There are so many kind of toilet soap flooded in the market but because of its peculiar name and nature, quality and properties it will also grab good market in present scenario

QUALITY CONTROL & STANDARD

In order to maintain the best quality of the product i.e. fancy soap it is very much necessary to manufacture this soap under some specific standards. This mean to say that some standard specification has got to be followed to maintain certain qualities such as pH, acid, No. total fat content available and moisture etc. Taking into account its use the product should be skin-friendly in all respects and point of view. To manufacture this Bouquet fancy Soap a general standard for toilet soap i.e. IS: 2888-194 or revised can be followed. Some changes in the product specification can be taken into account to improve the quality soap to satisfy the customer's demand and requirement.

POLLUTION CONTROL

In view of pollution present in the manufacturing of this type of soap, the N.O.C. from Pollution Control Board is necessary. The unit is advised to satisfy all necessary guidelines prescribed by the authority to issue the NOC for the purpose. Some control measures and monitors are required to be put in.

ENERGY CONSERVATION

To manufacture this Bouquet fancy soap various kind of fuel can be used in the furnace to heat the kettle. However, the method which consumes least quality of energy is allowed to adopt like diesel/electricity fired furnace could be used.

BASIS & PRESUMPTION

- ◆ The unit will work 6 days a week.
- ◆ The calculations have been carried out on present available data.
- ◆ If necessary other type of soap can also be manufactured by

using the same machinery.

- ◆ The production capacity i.e. 80% have been taken into account.
- ◆ The wastage has been considered at a rate of 2%.
- ◆ The local market rate for raw material and machinery has been considered.
- ◆ While preparing the project report the rate of return on total sale and investment has been presumed as 15% and 64% respectively.

IMPLEMENTATION SCHEDULE:

The following steps are involved in the implementation of the projects.

i.	Preparation of project	1 month
ii.	Registration as SSI	1-3
iii.	Loan Sanction	2-4
iv.	NOC-Pollution Control Board	2-4
v.	Installation of machinery	5-6
vi.	Power connection	1-3
vii.	Testing operation	6-7
viii.	Order for machinery	3-5
ix.	Production	8
		8- onwards

TECHNICAL ASPECT

Process Outline:

This fancy soap will be manufactured as per the set formulation, stated as below, so as to have the skin friendly soap for daily use

	Name of raw material	Wts.
1.	Coconut oil	50
2.	Tallow	50
3.	Caustic soda	50
4.	Colour	Q/s
5.	Brilliant soap green	0.06

Perfume mixtures for this soap

1.	Bergamot oil	5.5
2.	Lavender oil	3.5
3.	Palm rose oil	3.5
4.	Lemon oil	2.5
5.	Cedar wood oil	2.0
6.	Tincture for musk	0.3

PROCESS:

The fancy toilet soap can be made or manufactured into 2 steps namely preparation of soap base and to obtain finished products soap base. For making the soap base the specifications is carried which is done by either remitting and perfuming and secondly by milling process.

Fat should be used of high standard quality. Weigh fat oil & lye accurately, if the lye is weighed more, the soap will be hard and harmful to skin and if the lye is low, the fat will not be saponified properly. Melt oil fat into a kettle and filter it to remove any impurity. Now add caustic soda lye into it slowly and stir continuously when the oil is saponified fully add perfume and colours and pour into moulds.

FINANCIAL ASPECTS

Fixed Capital

1.	Land & Building	500 Sq. mtr 350 Sq. mtr	Rs. 8,000/- Per month
	Covered area		

2 Machinery & Equipments

S.No	Particulars	Nos.	Value (Rs.)
(i)	Saponifying fans 100kg.	04	7,000
(ii)	Melting pans/kettle with agitator/ stirrer 100kg.	01	8,000
(iii)	Lye Storage tank with SS lining 50 lit. each	04	6,000
(iv)	Frames(for cooling soap)50kg. Capacity	04	6,000
(v)	Automatic soap stamping m/c (50 pcs per minute)	01	4,000

(vi)	Cutting machine	01	4,000
(vii)	Baby boiler	01	35,000
(viii)	Hydrometer, beaker, cylinder pHmeter spatula and furniture		20,000
(iv)	Installation/Electrification @ 12% of the total cost		11,000
	Total		1,01,000
Total fixed cost Rs.1,01,,000 + Rs. 8,000			= Rs. 1,09,000

WORKING CAPITAL (P.M.)

(a) Staff & capital

S.NO	Designation	Nos	Salary(Rs.)	Total(Rs.)
1.	Manager / Director	01	9,000	9,000
2.	Chemist	01	6,000	6,000
3.	Clerk	01	5,000	5,000
4.	Skilled workers	02	3,500	7,000
5.	Unskilled worker	03	3,000	9,000
6.	Peon/ chowkidar	01	3,000	3,000
			Total	39,000
			Perquisites @ 15%	6,000
				45,000

b. Raw Material & packaging Material:

S.No	Particular	Qty.	Rate (Rs.)per Kg.	Value (Rs.)
1	Coconut oil	1250Kg	55	68,750
2	Tallow	1250Kg	35	43,750
3	Lye	1250kg	04	5,000
4	Brilliant soap green	1.5Kg	80	00,120
5	Perfumes	Q/s		3,000
6.	Packing material			8,000
			Total	1,28,600
			Say. Rs.	1,28,600

c. Utilities:

Power / Electricity Charges	Rs. 5,000
Water	Rs.1,000
Total	6,000

d. Other Contingent Expenditure:

Rent	8,000
Maintenance & repair	5,000
Printing postage & stationery	3,000
Cartage/ transportation charges	4,000
Selling/ publicity	4,000
Telephone	1,200
Insurance	8,00
total	26,000

e. Total working capital (P.M.):

$$45,000 + 1,28,600 + 6000 + 26,000 = 2,05,600$$

Working capital for 3 month $2,05,600 \times 3 =$ **6,16,800**

C. Total Capital Investment:

(i) Fixed Capital	1,09,000
(ii) Working capital (3 Month)	6,16,800
Total	7,25,800
Promoter's contribution	1,81,450
Govt. finance	5,44,350

FINANCIAL ANALYSIS

(i) Cost of Production (P.A.)

a.	Total recurring expenditure	24,67,200
b.	Depreciation on machinery & equipment @ 10% and depreciation on furniture @ 15%	10,000
c.	Depreciation on building @ 5%	Rented
d.	Interest on total investment @ 15%	81,000
	Total	25,58,200
(ii)	Sale realization (P.A.)	
	Total capacity of project	60,018kg
	Wastage 2%	1200.36
	Net production	58,818kg
	No. of bouquet fancy soap cake bearing 100 gram of weight each	
	5,88,180 Nos.	
	Cost of each cake	Rs. 5.25/-
	Total sale	30,87,945
(iii)	Profit Analysis (P.A.)	
	Sale – Cost of production	5,29,745
	=(30,87,945 – 25,58,200)	
(iv)	Rate of Return	
a.	On total sale	18%
	5,29,745x100/3087945=	
b.	On total capital investment	73%
	5,29,745x100/ 725800 =	

BREAK- EVEN ANALYSIS

$$\begin{aligned}
 \text{B.E.P.} &= \frac{\text{FC} \times 100}{\text{FC} + \text{Profit}} \\
 &= 46\%
 \end{aligned}$$

Address of Machinery & Equipments Suppliers

1. M/s. K.S. Krishan Associates Pvt. Limited,
15, Community Centre,
East of Kailash , New Delhi –110024.
2. M/s. Kay Iron Works Pvt. Limited,,
Yamuna Nagar, Haryana
3. M/s. Atlas Engg. Works,
Diwan Hall, Chandni Chowk,
Delhi –11006.

Address of raw material suppliers

1. M/s. Rajesh Brokers
1194, Gali Samoson Farash Khana,
Delhi-110006.
2. M/s. Sai Chemcials,
A-237, Okhla Industrial Area,
Phase –I, New Delhi –110020.
3. M/s. Chemi trade (Chemicals)
270, Katra Peran Tilak Bazar,
New Delhi –110006.