

## PROJECT PROFILE ON DETERGENT POWDER

### INTRODUCTION

Detergents are also known as synthetic detergents. They are different from oil-based soaps though both soaps and detergents are surfactants and used for washing purposes. Synthetic detergents are gaining importance due to advantage over washing soap. Its demand is always increasing day by day. There are number of varieties of detergents available in the market depending upon different percentage of active ingredients and other components. As the process of manufacture is very simple and involves simply mixing different ingredients, the product is best suited for its manufacture in small scale.

### MARKET POTENTIAL

Due to varieties of detergent powder available in the market, there has been always a tough competition for marketing of the detergent powder. However, with the advancement of the life style, the demand for synthetic detergent is rapidly increasing and there exists a very good scope for setting up unit for manufacture of detergent powder.

### PROCESS OF MANUFACTURE

Acid slurry is first neutralized with soda ash and mixture is kept for 1 hour for completion of the reaction. Other ingredients such as STPP, TSP, CMC, Perfumes are then blended to the neutralized acid slurry with continuous mixing, then dried, sieved and packed in suitable packing.

### FINANCIAL ASPECT

Production Capacity - 15 MT per annum

i) Land and Building

Covered Area - 50 Sq. mtrs on rent @ Rs.3,000/- per month.

Fixed Capital:

Rs.

ii) **Plant & Machinery:**

SS/MS Ribbon Blender, SS Trays/Plastic Trays, 55,000  
Weighing machines & Miscellaneous equipments etc.

iii) **Working Capital** (for 3 months)

12,37,500

Raw material, staff and labour, Rent and other Misc. expenditure..

iv) **Total Capital Investment.**

12,92,500

v) **Cost of Production (per annum).**

5,30,200

Recurring Expenditure, interest and depreciation.

vi) Sales 15 MT Detergent Powder.

6,27,000

vii) **Anticipated profit per annum.**

96,800

viii) **Employment.**

6 Nos.