

Ginger Oil

**Zingiber Officinale, Ginger Root Oil,
Ginger Essential Oil**

(used as a spice or a folk medicine)

**Manufacturing Plant, Detailed Project Report, Profile, Business Plan,
Industry Trends, Market Research, Survey, Manufacturing Process,
Machinery, Raw Materials, Feasibility Study, Investment
Opportunities, Cost and Revenue, Plant Economics, Production
Schedule, Working Capital Requirement, Plant Layout, Process Flow
Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios,
Break Even Analysis**

Introduction

Ginger has been valued for thousands of years for its medicinal and culinary properties, particularly in ancient Chinese, Indian, and Greek civilizations. Ginger is commonly used as a spice, and it has its origins in India. Ginger is an exceptional addition to any massage oil. It boosts the immune system and has amazing warming qualities.



Because it's aroma is so potent and powerful, Ginger should always be highly diluted when used on the skin. Aromatically, Ginger Essential Oil is spicy and warming. Though it is especially well suited for fall and winter months. Ginger is part of the plant family that includes turmeric and cardamom, both exceptionally beneficial to your health and wellness.



Ginger is one of the oldest and most important spices used in different kinds of food preparation. Ginger possesses a warm pungent taste and a pleasant odor, hence it has a wide use as a flavoring in numerous food preparation, beverages, ginger bread, soups, pickles and many soft drinks. There are two general types of ginger viz. fresh green ginger used for the preparation of candied ginger (in sugar syrup) and dried or cured ginger applied in the spice trade, for extracts,

oleoresins and for the distillation of its volatile oil. The main application of the ginger oil is in confectionery, beverages, and baked products. Ginger oil is obtained from the root of the herb *Zingiber officinale*. The peculiar hot taste and pungent taste of ginger can be attributed to the presence of an acrid compound called gingerol. Most of the health benefits of ginger are due to Gingerol.

The essential oil of ginger exhibits numerous precious benefits for the well-being of mankind. Varied in color tones, from pale yellow to a darker amber color; the oil also differs in viscosity, ranging from medium to watery. Ginger oil has rich sources of a multitude of chemical constituents including α -pinene, camphene, β -pinene, 1,8-cineole, linalool, borneol, γ -terpineol, nerol, geraniol, geranial, geranyl acetate, β -bisabolene, and zingiberene.

Ginger's essential oil is extracted by steam distillation from the root of the plant. It is often blended with other essential oils to produce many different mixtures for many different ailments. Ginger works well when blended with atlas cedar wood, blue gum eucalyptus, frankincense, geranium, lemon, lime, Roman chamomile, rose, rosemary, and sandalwood.

The processing of ginger products is an important practice in the food processing industry. The demand of ginger oil is ever increasing. It has good export and domestic demand. New entrepreneurs can well ventured in to this field.



Benefits

There are many health benefits of ginger essential oil (*Zingiber officinale*), an oil steam distilled from the roots of the plant. Ginger oil smells like you'd expect: sweet, spicy, woody, and warm. The benefits for it are nearly identical to the benefits for fresh ginger. The ginger oil can be attributed to its digestive, carminative, expectorant, antiseptic, analgesic, antiinflammatory, stimulating and aphrodisiac properties.

It's helpful in alleviating various health problems, such as:

- **Stomach and bowel related problems**
- **Food poisoning**
- **Malaria and yellow fever**
- **Respiratory problems**
- **Pain**
- **Heart ailments**
- **Hypertension**
- **Chronic disease**
- **nausea**
- **indigestion**
- **inflammation**
- **menstrual disorders**

Capacity	:	150 Kg/Day
Plant & Machinery	:	91 Lakhs
Total Capital Investment	:	541 Lakhs
Rate of Return	:	50%
Break Even Point	:	34%

Major Queries/Questions Answered in the Report?

1. **What is Ginger Oil Manufacturing industry?**
2. **How has the Ginger Oil Processing industry performed so far and how will it perform in the coming years?**
3. **What is the Project Feasibility of a Ginger Oil Plant?**
4. **What are the requirements of Working Capital for setting up a Ginger Oil Processing project?**
5. **What is the structure of the Ginger Oil manufacturing Business and who are the key/major players?**
6. **What is the total project cost for setting up a Ginger Oil manufacturing plant?**

- 7. What are the operating costs for setting up a Ginger Oil Processing plant?**
- 8. What are the machinery and equipment requirements for setting up a Ginger Oil Processing plant?**
- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Ginger Oil Processing plant?**
- 10. What are the requirements of raw material for setting up a Ginger Oil processing project?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Ginger Oil processing plant?**
- 12. What is the Manufacturing Process and Formulations of a Ginger Oil processing plant?**

13. What is the total size of land required for setting up a Ginger Oil manufacturing plant?
14. What will be the income and expenditures for a Ginger Oil manufacturing plant?
15. What are the Projected Balance Sheets of a Ginger Oil processing plant?
16. What are the requirement of utilities and overheads for setting up a Ginger Oil processing project?
17. What is the Built up Area Requirement and cost for setting up a Ginger Oil manufacturing Business?

- 18. What are the Personnel (Manpower) Requirements for setting up a Ginger Oil manufacturing Business?**
- 19. What are Statistics of Import & Export for Ginger Oil?**
- 20. What is the time required to break-even?**
- 21. What is the Break-Even Analysis of a Ginger Oil Manufacturing plant?**
- 22. What are the Project financials of a Ginger Oil processing plant?**
- 23. What are the Profitability Ratios of a Ginger Oil plant?**
- 24. What is the Sensitivity Analysis-Price/Volume of a Ginger Oil manufacturing plant?**

25. What are the Projected Pay-Back Period and IRR of a Ginger Oil processing plant?
26. What is the Process Flow Sheet Diagram of a Ginger Oil manufacturing plant?
27. What are the Market Opportunities for setting up a Ginger Oil processing plant?
28. What is the Market Study and Assessment for setting up a Ginger Oil manufacturing project?
29. What is the Plant Layout for setting up a Ginger Oil processing Business?

Table of Contents of the Project Report

1. Project Location

1.1. District Profile & Geotechnical Site Characterization

1.1.1. General

1.1.2. Location & Geographical Area

1.1.3. Topography

1.1.4. Administrative set up

1.1.5. Map

1.1.6. Industry at a Glance

2. Introduction

3. Uses And Application

4. B.I.S. Specification

- 4.1. Is: 761 -1955 Ginger Oil
- 4.2. Is: 1908-1980 Ginger Whole And Ground
(First Revision) (Reaffirmed 1987)
- 4.3. Is: 7826-1984 Ginger Oleoresin (First Revision)

5. Market Survey

- 5.1. Cultivation And Consumption
- 5.2. Area And Production
- 5.3. World Trade

6. Financials & Comparison Of Major Indian Players/Companies

- 6.1. About Financial Statements Of CMIE Database**
- 6.2. Profits & Appropriations**
- 6.3. Total Liabilities**
- 6.4. Total Assets**
- 6.5. Net Cash Flow From Operating Activities**

6.6. Section – I

- 6.6.1. Name of Company with Contact Details**
- 6.6.2. Name of Director(S)**
- 6.6.3. Plant Capacity**

6.6.4. Location of Plant

6.6.5. Capital Expenditure Projects

6.6.6. Name of Raw Material(S) Consumed With Quantity & Cost

6.7. Section – II

6.7.1. Assets

6.7.2. Cash Flow

6.7.3. Cost as % Ge of Sales

6.7.4. Forex Transaction

6.7.5. Growth in Assets & Liabilities

- 6.7.6. Growth in Income & Expenditure**
- 6.7.7. Income & Expenditure**
- 6.7.8. Liabilities**
- 6.7.9. Liquidity Ratios**
- 6.7.10. Profitability Ratio**
- 6.7.11. Profits**
- 6.7.12. Return Ratios**
- 6.7.13. Structure of Assets & Liabilities (%)**
- 6.7.14. Working Capital & Turnover Ratios**

7. Export & Import Statistics Data Of India

- 7.1. Export Statistics Data On Ginger Oil**
- 7.2. Import Statistics Data On Ginger Oil**

8. Present Manufacturers

9. Packing And Marking

10. Manufacturing Process

10.1. Preparation Of Raw Material

10.2. Process

11. Process Flow Diagram

12. Rectification Of Essential Oils

12.1. Problems Relating To Steam Distillation

13. Suppliers Of Plant And Machinery

14. Suppliers Of Raw Materials

15. Machinery, Raw Material & Product Photographs

15.1. Machinery Photographs

15.2. Raw Material Photographs

15.3. Product Photographs

16. Plant Layout

Project Financials

- **Project at a Glance** **Annexure**

- Assumptions for Profitability workings1

- Plant Economics.....2

- Production Schedule.....3

- Land & Building.....4

Factory Land & Building
Site Development Expenses

- **Plant & Machinery.....5**
 - Indigenous Machineries
 - Other Machineries (Miscellaneous, Laboratory etc.)
- **Other Fixed Assets.....6**
 - Furniture & Fixtures
 - Pre-operative and Preliminary Expenses
 - Technical Knowhow
 - Provision of Contingencies
- **Working Capital Requirement Per Month.....7**
 - Raw Material
 - Packing Material
 - Lab & ETP Chemical Cost
 - Consumable Store

- **Overheads Required Per Month and Per Annum.....8**
 - Utilities & Overheads (Power, Water and Fuel Expenses etc.)**
 - Royalty and Other Charges**
 - Selling and Distribution Expenses**
- **Salary and Wages9**
- **Turnover Per Annum10**
- **Share Capital.....11**
 - Equity Capital**
 - Preference Share Capital**

- **Annexure 1 :: Cost of Project and Means of Finance**
- **Annexure 2 :: Profitability and Net Cash Accruals**
 - **Revenue/Income/Realisation**
 - **Expenses/Cost of Products/Services/Items**
 - **Gross Profit**
 - **Financial Charges**
 - **Total Cost of Sales**
 - **Net Profit After Taxes**
 - **Net Cash Accruals**

- **Annexure 3 :: Assessment of Working Capital requirements**

- Current Assets
- Gross Working Capital
- Current Liabilities
- Net Working Capital
- Working Note for Calculation of Work-in-process

- **Annexure 4 :: Sources and Disposition of Funds**

- **Annexure 5 :: Projected Balance Sheets**

- ROI (Average of Fixed Assets)
- RONW (Average of Share Capital)
- ROI (Average of Total Assets)

- **Annexure 6 :: Profitability Ratios**

- D.S.C.R
- Earnings Per Share (EPS)
- Debt Equity Ratio

• Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- B.E.P

• **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

- **Annexure 12 :: Shareholding Pattern and Stake Status**
 - **Equity Capital**
 - **Preference Share Capital**
- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**
 - **Determined Capacity P.A of Products/Services**
 - **Achievable Efficiency/Yield % of Products/Services/Items**
 - **Net Usable Load/Capacity of Products/Services/Items**
 - **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21 :: Employees Expenses**
- **Annexure 22 :: Fuel Expenses**
- **Annexure 23 :: Power/Electricity Expenses**
- **Annexure 24 :: Royalty & Other Charges**
- **Annexure 25 :: Repairs & Maintenance Expenses**
- **Annexure 26 :: Other Manufacturing Expenses**
- **Annexure 27 :: Administration Expenses**
- **Annexure 28 :: Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on **Ginger Oil**

See more:

<http://goo.gl/85swVo>

<http://goo.gl/qEZJWk>

<http://goo.gl/aDJ8A9>

<http://goo.gl/o60U9w>

Visit us at

www.entrepreneurindia.co

**Take a look at
NIIR PROJECT CONSULTANCY SERVICES
on #Street View**

<https://goo.gl/VstWkd>

Locate us on Google Maps

<https://goo.gl/maps/BKkUtq9gevT2>

Niir PROJECT CONSULTANCY SERVICES

An ISO 9001:2008 Company



Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

Niir Project Consultancy Services

106-E, Kamla Nagar, New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886

Mobile: +91-9811043595

Fax: +91-11-23841561

Website : www.entrepreneurindia.co

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

<https://goo.gl/VstWkd>





➤ <https://www.linkedin.com/company/niir-project-consultancy-services>



➤ <https://www.facebook.com/NIIR.ORG>



➤ <https://www.youtube.com/user/NIIRproject>



➤ <https://plus.google.com/+EntrepreneurIndiaNewDelhi>



➤ https://twitter.com/npcs_in



➤ <https://www.pinterest.com/npcsindia/>





For more information, visit us at:

www.entrepreneurindia.co