

Aloe Vera Gel and Powder Manufacturing Business.

Start a Profitable Aloe Vera Processing Industry

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Introduction

Aloe Vera is widely used for its healing and restorative properties. It belongs to the liliacea family and has thick green leaves which contain gel and latex. The gel consists primarily of water and the rest includes various vitamins, amino acids, enzymes, hormones, minerals and sugars, most of which are found in the human body. Aloe leaves secrete a clear gel that when broken off from the rest of the plant that can be applied topically to heal wounds and soothe skin.



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Aloe Vera Gel is one of the product prepared from aloe vera itself. Aloe vera Gel has very good medicine for external use for sun burning and pain killer. It has various medicinal values which makes very good commercial value. Aloe Vera gel is widely used in the food industry, cosmetic and toiletries industry, and the pharmaceutical industry.

Aloe vera gel is a most important product can produce from aloe vera leaves. The item has the both consumer and industrial demand.



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The gel, which is a colourless and transparent liquid, consists mainly of water. The rest contains several amino acids, enzymes, vitamins, hormones, minerals and sugars; most of which are found in the human body. The demand of Aloe Vera gel in the consumer market is driven by its healing and restorative properties, due to which it finds applications in several industries. Apart from this, the other factors contributing to the market growth include scientific research on the health benefits of Aloe Vera based products, rising disposable incomes, supplier innovations.



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Aloe Vera gel is widely used in the food industry, cosmetic and toiletries industry, and the pharmaceutical industry. According to industry experts, the global aloe vera gel market was worth US\$ 465 Million in 2016, growing at a CAGR of around 11% during 2009-2016. The market is growing steadily over the last decade driven by varied and increasing usage of Aloe Vera gel in food, health care, and cosmetic industries. The healthcare and cosmetics sectors are currently the two biggest drivers of Aloe Vera gel consumption.



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Aloe Vera powder is known for its skin healing properties. It is used for irritated, sunburned, or inflamed skin. Aloe vera powder contains salicylates, which are known to relieve pain. It is also high in antioxidants, vitamin C, and other minerals which allow the skin to heal faster. Aloe vera powder helps to make food and other supplements more bio-available to your body.



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Aloe Vera Powder is composed of the freeze-dried inner "gel" of aloe leaf plant. Aloe vera plants have been used as for the treatment of hepatitis. Spray drying and freeze drying are the most common methods of producing aloe vera powder from gel.

Aloe Vera powder is the perfect remedy for sunburned skin. Aloe Vera powder can also be used as an aftershave treatment as it will both hydrate the skin and help heal razor burn and small nicks. Aloe vera powder is less bulky, easier to handle, and less susceptible to spoilage in long term storage, but it is important to ensure the biological activities of the product.



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Aloe Vera powder can be added to cold process soaps at slight trace to provide the skin with nutrients and healing properties.

- **Aloe Vera powder can also be added to melt and pour soap while it is melted.**
- **Aloe Vera powder can be added to bath tea formulas.**
- **Aloe Vera powder can be added to bath salt formulas, and scrubs.**
- **Aloe Vera powder can be added to facial mask formulas, and foot treatments.**
- **Aloe Vera powder can be infused and added to lotions, creams, and ointments.**
- **Aloe Vera powder is used in face tonic, body wash, shampoo, conditioner recipes. It is also used in some hemorrhoid cream recipes to reduce inflammation.**

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- Aloe Vera powder can be mixed with water to create a gel. This gel can be applied to burns for pain relief and to promote faster healing.
- Aloe vera powder can be used in bath bomb recipes.
- Aloe vera powder can be infused in massage oils.

Aloe Vera Gel and Aloe vera powder has tremendous demand in the herbal base products area. As there is lot of use of aloe vera and aloe vera Gel in the field of cosmetics, medicines. It has large used since from ancient time. There are many herbal base companies are trying best to explore the market available on the base of aloe and try to best utilization of available aloe. There is good export market of aloe vera Gel and as well as indigenous demand.

The aloe vera based product market in Asia Pacific will grow considerably in the forecast period due to the huge demand and the presence of a large number of manufacturers. Increasing awareness and health concern among the consumers, is the key driving factor for aloe vera based product in Asia Pacific. Various innovative products, is driving the aloe vera market in Asia Pacific.

Demand for aloe vera product in food industry is expected to grow with a fastest rate in the forecast period. Wide range of applications such as packaged drinking water, low-calorie fruit juice are creating new opportunity. Cosmetics is the largest end user sector of aloe vera product, which accounts



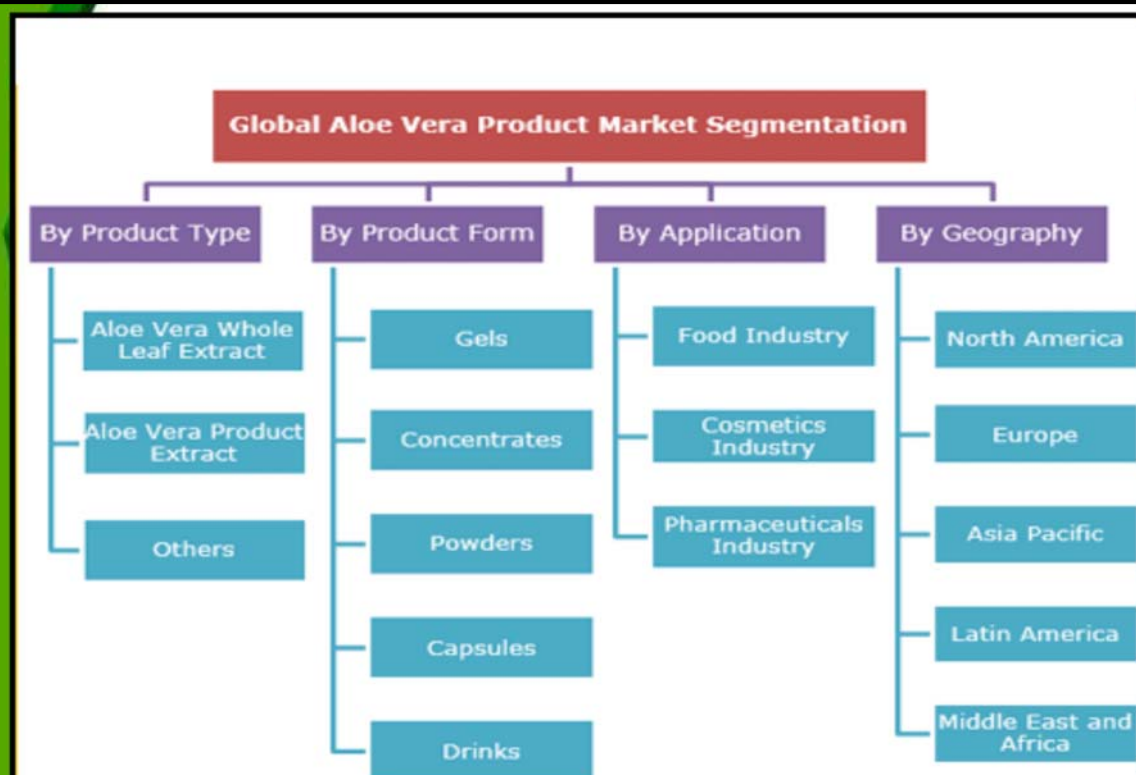
India aloe vera products market is projected to surpass \$242 million by 2022. Growth is expected to be driven by rising concerns among consumers regarding their health and skin problems, predominantly due to hectic and stressful lifestyles, which is resulting in a shift in consumer preference towards natural alternatives and herbal nutraceuticals. Moreover, growing awareness about consuming a healthy diet that can potentially reduce occurrence of lifestyle diseases such as high blood pressure, cholesterol, obesity and diabetes, is expected to boost demand for aloe vera products in India over the next five years.



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Global Aloe Vera Products Market Segmentation



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Machinery Photographs

DUPLEX FILTER



HOMOZINIZATION TANK



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SPRAY DRYER



ALOE VERA GEL FILLING MACHINE



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Project at a Glance

PROJECT AT A GLANCE				(in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	41.00	41.00	Capital	0.00	41.06	41.06
Buildings	0.00	46.70	46.70	Share Premium	0.00	0.00	0.00
				Other Type Share			
Plant & Machineries	0.00	42.23	42.23	Capital	0.00	0.00	0.00
Motor Vehicles	0.00	6.00	6.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	14.00	14.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	5.00	5.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	123.17	123.17
Preliminary& Pre-operative Exp	0.00	1.00	1.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	3.50	3.50	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	4.79	4.79				
TOTAL	0.00	164.22	164.22	TOTAL	0.00	164.22	164.22

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Project at a Glance

Year	Annualised		Book Value	Debt	Divide nd	Retained Earnings		Payou t	Probab le Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	、	、	、	、	、	%	、	%	、		%
1-2	6.01	9.48	16.01	24.00	0.00	100.00	6.01	0.00	6.01	1.00	0.00
2-3	8.82	11.86	24.83	18.00	0.00	100.00	8.82	0.00	8.82	1.00	0.00
3-4	11.58	14.24	36.41	12.00	0.00	100.00	11.58	0.00	11.58	1.00	0.00
4-5	14.25	16.60	50.66	6.00	0.00	100.00	14.25	0.00	14.25	1.00	0.00
5-6	16.83	18.90	67.49	0.00	0.00	100.00	16.83	0.00	16.83	1.00	0.00

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Project at a Glance

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.37	1.37		1.50	1.50	1.71		33.62%	19.88%	13.57%	129.36	71.15%	1.05	0.86
2-3	1.68	1.52		0.72	0.72	0.88		37.13%	26.19%	17.07%	150.87	71.13%	1.13	1.45
3-4	2.04	1.68	2.04	0.33	0.33	0.45		39.48%	30.62%	19.61%	172.42	71.13%	1.14	2.23
4-5	2.48	1.85		0.12	0.12	0.22		41.07%	33.79%	21.46%	193.98	71.13%	1.09	3.14
5-6	3.00	2.04		0.00	0.00	0.08		42.10%	36.05%	22.81%	215.53	71.13%	1.02	8.80

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Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	45.38%
Total BEP (% of Installed Capacity)	49.32%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	26.97%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	2.882

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