

Cashew Nut Processing with CNSL, Cashew Nut Shell Liquid (CNSL), Cashew Nut, Cashew Kernels, Cashew Nut Shell Oil Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machin

Description:

The cashew shell is used to extract cashew nutshell liquid (CNSL), which is an important by-product of cashew industry. The nut has a shell of about 1/8 inch thickness inside which is a soft honeycomb structure containing a dark reddish brown viscous liquid. It is called the cashew nutshell liquid, which is the pericarp fluid of the cashew nut.

CNSL has innumerable applications, such as friction linings, paints, laminating resins, rubber compounding resins, cashew cements, polyurethane based polymers, surfactants, epoxy resins, foundry chemicals, and intermediates for chemical industry. The shell liquid, which is extracted out of the outer shell of the nut, also has industrial applications in the automotive industry, leather, and tobacco curing. It offers much scope and varied opportunities for the development of other tailor-made polymers.

India has the largest area under cashew and is confined mainly to the peninsular areas. It is grown in Kerala, Karnataka, Goa and Maharashtra along the west coast and Tamil Nadu, Andhra Pradesh, Orissa and West Bengal along the east coast. The highest productivity is observed in Kerala and Maharashtra with over one ton per ha. India is also one of the largest cashew consuming countries in the world.

The demand for cashew nut is gradually increasing. India is leading producer, processor, consumer and exporter of cashew nuts in the world. It is one of the important agricultural commodities exported from India to many countries in the world. About two third of cashew produced in the country is consumed locally. India accounts for 65 percent of total cashew nut exports in the world and exports cashew to more than 60 countries.

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Keywords: Cashew Nut Oil, Cashew nut processing business plan, Cashew nut Processing Industry in India, Cashew Nut Processing Plant?, Cashew nut processing with CNSL Business, Cashew Nut Shell Liquid CNSL Oil, Cashew nut shell liquid composition, Cashew nut shell liquid manufacturing process, Cashew nut shell liquid Process, Cashew nut shell liquid processing plant, Cashew nut shell liquid project report, Cashew Nut Shell Oil Extraction, Cashew nut Small Business Manufacturing, Cashew Nuts Processing Smal

Created At: 24 Dec, 2016