



Quality Never Compromised

# Radiant Quality Production

[www.rqproducts.com](http://www.rqproducts.com)

As an organization, we consider our customers as most important and our aim is to exceed the expectations of the customers by providing them with excellent products and outstanding services.

## Agro Products

FMCG division includes Coconut derivatives, Moringa Powder, Fresh Vegetables, Onions, Tubers, Indian Rice, Indian Cereals and Spices. These Products are sold enclosed in food-grade packages, which offer longer shelf life.

A

## Bio-Chemicals

Biochemical division are engaged in catering the Biotechnology, Biochemistry and Microbiology Sector throughout the Globe with products like Agar Agar, Agarose, Phytigel, de-Hydrated media, Chitin, Chitosan and Alginates.

B

## Chemicals

Chemical Division handle Bulk chemicals for industrial and agricultural needs.

C

# CHEMICALS



## Potassium chloride

It is a metal halide salt composed of potassium and chlorine. It is odorless and has a white or colorless vitreous crystal appearance. The solid dissolves readily in water and its solutions have a salt-like taste. Major portion of the total production is used for making fertilizer, called potash. The two main types of potash are: Muriate of Potash (MOP) and Sulphate of Potash (SOP). In Medical usage Potassium chloride by mouth or intravenously is the common means to treat low blood potassium. In industrial application it is used for the manufacture of potassium hydroxide and potassium metals. Purity of Commercial, Industrial and laboratory Grade KCl is between 97-99%.



## Calcium carbonate

It is a chemical compound with the formula  $\text{CaCO}_3$ , a common substance found in rocks as the minerals calcite and aragonite. The main use is in the construction industry, either as a building material or limestone aggregate for road building or as an ingredient of cement. It's also used in the purification of iron from iron ore in a blast furnace. In the oil industry, calcium carbonate is added to drilling fluids as a formation-bridging and filter cake-sealing agent. It is also a weighting material which increases the density of drilling fluids to control the down hole pressure. In Medicine it is widely used as an inexpensive dietary calcium supplement for gastric antacid and in Agriculture limestone, as a cheap method for neutralizing acidic soil.



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## Guar gum

It is a substance made from guar beans which has thickening and stail-izing properties useful in various industries, traditionally the food industry and, increasingly, the hydraulic fracturing industry. Chemicazly, guar gum is an exo-polysaccharide composed of the sugars galactose and mannose that are products of bacterial fermentation. Industrial Uses are mainly in Textile industry (sizing, finishing and printing), Paper industry (improved sheet formation, folding and denser surface for printing) Explosives industry (as waterproofing agent mixed with ammonium nitrate, nitroglycerin, etc.), Pharmaceutical industry (as binder or as disintegrator in tablets; main ingredient in some bulk-forming laxatives), Cosmetics and toiletries industries (thickener in toothpastes, conditioner in shampoos) & in Oil Industry for Hydraulic fracturing. In Food Industry it's main application is as a thickening agent.

Guar gum has EU food additive code E412



## Sodium bicarbonate

Commonly known as baking soda, it is a chemical compound with the formula  $\text{NaHCO}_3$ . It is a salt composed of sodium ions and bicarbonate ions. It finds application in various sectors, from household to Medical and Industrial. It is mainly used in Pest Control Methods and as pH controller, Disinfectant and Fire Extinguisher.