

Caustic Potash (Potassium hydroxide)

Description:

Caustic Potash (Potassium hydroxide)

Manufacturing Industry, 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

Potassium hydroxide is an inorganic compound with the formula KOH, and is commonly called caustic potash.

Along with sodium hydroxide (NaOH), this colorless solid is a prototypical strong base. It has many industrial and niche applications, most of which exploit its corrosive nature and its reactivity toward acids. An estimated 700,000 to 800,000 tonnes were produced in 2005. Approximately 100 times more NaOH than KOH is produced annually. KOH is noteworthy as the precursor to most soft and liquid soaps as well as numerous potassium-containing chemicals.

Potassium Carbonate

Potassium carbonate (K_2CO_3) is a white salt, soluble in water (insoluble in ethanol) which forms a strongly alkaline solution. It can be made as the product of potassium hydroxide's absorbent reaction with carbon dioxide. It is deliquescent, often appearing a damp or wet solid. Potassium carbonate is used in the production of soap and glass.

Potassium Permanganate

Potassium permanganate is an inorganic chemical compound and medication. As a medication it is used for cleaning wounds and dermatitis.

It has the chemical formula $KMnO_4$ and is a salt consisting of K^+ and MnO_4^- ions. It is a strong oxidizing agent. It dissolves in water to give intensely pink or purple solutions, the evaporation of which leaves prismatic purplish-black glistening crystals. In 2000, worldwide production was estimated at 30,000 tonnes. In this compound, manganese is in the +7 oxidation state.

For more details download PDF file

Keywords: Potassium Hydroxide, Potassium Hydroxide Industrial Production, Production of Caustic Potash, Making Caustic Potash, Manufacture Potassium Hydroxide, Caustic Potash, Process for Production of Caustic Potash, Caustic Potash Production, Process for Production of Potassium Hydroxide, Starts Commercial Production of Caustic Potash, Commercial Production of Potassium Hydroxide, Potassium Hydroxide (Caustic Potash) Production, Uses of Potassium Hydroxide, Report on Caustic Potash, Starts Production of

Created At: 17 Oct, 2017