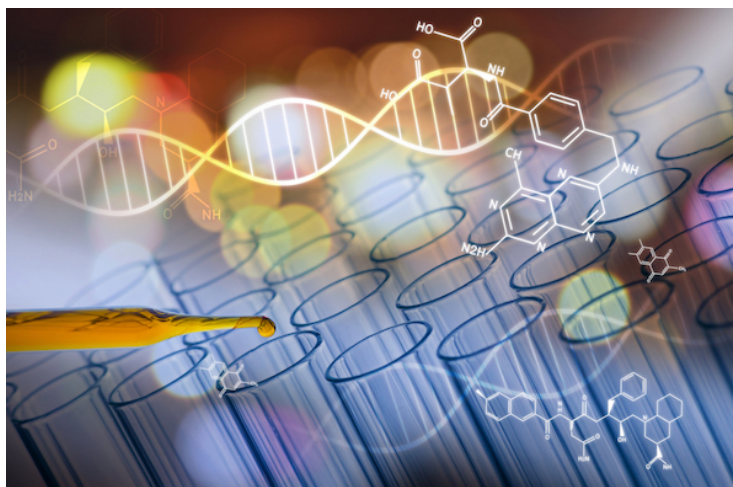


## Gujarat Alkalies and Chemicals flags off first dispatch of pharma import substitute

10 July 2023 | News

**GACL has established a commercial-scale plant to manufacture 10,000 MTA of Hydrazine Hydrate**



Gujarat Alkalies and Chemicals Limited (GACL), one of the leading chlor-alkali majors in the country, flagged off the first lot of Hydrazine Hydrate (80%) and Purified Phosphoric Acid (85%) recently.

Currently, India is importing Hydrazine Hydrate from Europe and other countries. Hydrazine Hydrate as an import substitute product with world-class quality will help in reducing the country's dependency on imports, thereby saving valuable foreign exchange.

GACL and CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad, have jointly received patents from India and the USA for the indigenous process to manufacture Hydrazine Hydrate ( $\text{H}_6\text{N}_2\text{O}$ ).

Hydrazine Hydrate has applications in various industries such as Pesticides, Agrochemicals, Water Treatment, Pharmaceuticals, blowing agent in Polymer Industry, Fine Chemicals etc.

GACL has established a commercial-scale plant in Dahej at an estimated cost of Rs 405 crore to manufacture 10,000 Metric Tons Annually (MTA) of Hydrazine Hydrate.

On the other hand, India has very few manufacturers of Purified Phosphoric Acid and to meet its total demand the country imports around 35,000 MTA Purified Phosphoric Acid, annually. Purified Phosphoric Acid has applications in various industries such as Sugar Refining, Edible Oil Refining, Beverages, and Pharmaceuticals etc. To reduce the nation's dependence on imports of this chemical, GACL has established a Purified Phosphoric Acid plant having a capacity of 33,870 MTA at Dahej.