

PRAKASH

Chemicals Agencies



ILLUMINATION

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The Food Grade Phosphoric Acid Market size is estimated at USD 2.44 billion in 2024, and is expected to reach USD 2.9 billion by 2029, growing at a CAGR of 3.44% during the forecast period (2024-2029).

High consumption of Beverages remained one of the key factors, driving the market studied, during the forecast period. Despite rising concern against the detrimental attributes of soft drinks, the sector lays vast scope for the niche ingredients like phosphoric acid, about the robust consumption share of cola drinks in the overall soft drink industry. Moreover, companies, promoting their products and supplementing their sales, are constantly emphasizing the fact that Phosphorus Acid, when taken in small quantities, causes no harm.

The market studied is increasingly being driven by its evolving role as a Food Additive in a variety of processed food products. Thus, the growing demand for preservative food products, especially in the Beverage Industry, boosts the market. Pure Food-Grade Phosphoric Acid is an important Food Additive in Food Sauces, Mayonnaise, and Fruit Juices.

The increasing demand for convenience and processed food such as Ready-to-eat foods, Ready-to-drink Beverages, Snacks, Frozen Meals, and others is one of the significant factors driving the Food Additives market. Phosphoric Acid is often added to carbonated drinks for a sharper and tangy taste. It also helps slow down the growth of molds and bacteria in sugar formula. Leading beverage companies across the world have been using Phosphoric Acid in their product compositions. For instance, Coca-Cola incorporates Phosphoric Acid, which is used in its certain sparkling beverages to add tartness. Hence, the Food-Grade Phosphoric Acid market has been growing proportionally, along with the Beverage Industry's growth.

The Food-Grade Phosphorus Acid and Phosphates have gained strong benefits from the rapid development of the Food Processing Industry in countries like China, India, and other developing countries. Most manufacturers are consistently expanding production capabilities to cater to the growing demand for Food-Grade Phosphoric Acid. Factors such as high production rates and lower labor rates have led Asian countries like China to account for the major share of the Food-Grade Phosphoric Acid market.

The Sugar Industries in the Asia-Pacific Region use the Additive in sugar refining. Also, as per the M.S. Asia Group, Food-Grade Phosphoric Acid Salts are blended with Baking Soda to manufacture Baking Powder used as a Fermenting Agent in many baked products. Poultry products in Southeast Asian countries are improved with salt solutions to enhance their flavor and moisture. In Taiwan, it is used to process bean products, such as Bean Curd, Meat Products, Juice Beverages, and Yeast Powder.

According to the Bureau of Indian Standards, the use of Food-Grade Phosphoric Acid is permitted in India under the Prevention of Food Adulteration Rules, 1955, unless it contains Sulfate, Fluoride, and Chloride Impurities. The country utilizes 85% Food-Grade Phosphoric Acids in Beverages, Seed Processing, Sugar Juice, Sugar Refining, and Food and Phosphate manufacturing.

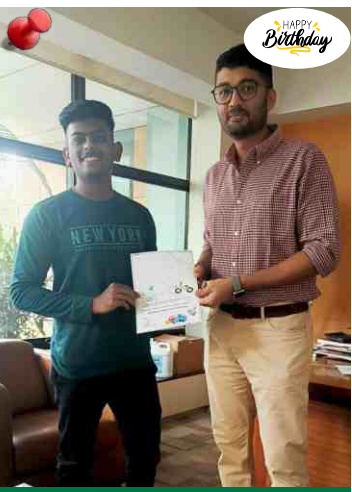
Mr. Nirav Mistry
Manager - Marketing
Editor for the Month



PCAPL - Participation in Chemexpo Exhibition 2024 at Mumbai



Team Prakash with Shri Pankaj Joshi IAS, MD GNFC & GNFC Marketing Team



Mr. Rajesh Raj



Ms. Baby Unni



Ms. Ritika Patel



Mr. Zaid Sakarwala

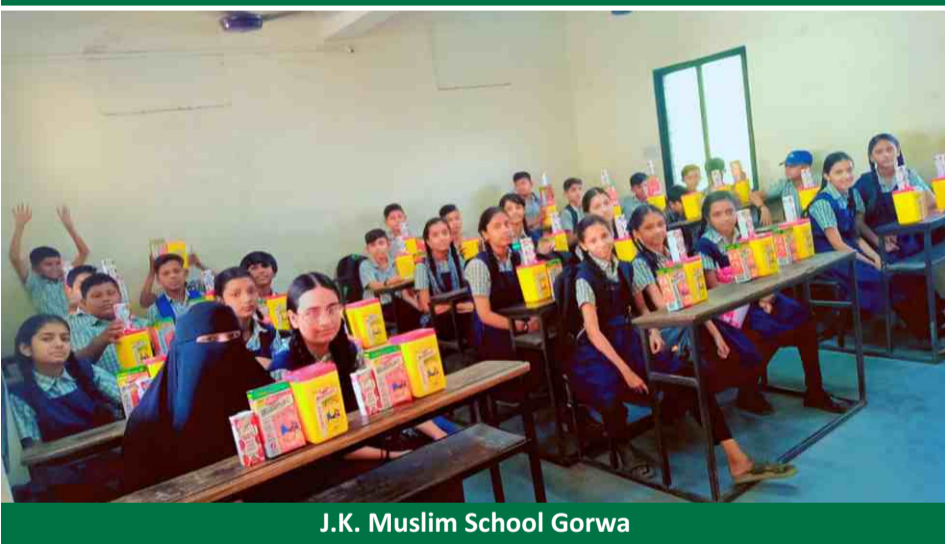
Inauguration of 3 Model Anganwadi Centers in Gorwa area, Ambewadi, Laxmipura & Ganesh Nagar, Adopted & Upgraded by Prakash under their CSR initiative through the hands of Chief Guests BK Dr. Aruna Didi (Brahma Kumaris Atladara) and Shri Rayarama Dasa (Akshay Patra) along with other invitees.



Distribution of Health & Hygiene Products :



Anganwadi Beneficiaries



J.K. Muslim School Gorwa



New vegetable market, Gorwa



Traffic Police west zone



Safai Mitra VMC



Balgokulam Charitable Trust



Arpan School for Special Children



- Tata Project Ltd (TPL), a leading Engineering, Procurement and Construction (EPC) Company has bagged its first chemicals industry project from Deepak Fertilizers and Petrochemicals Corporation Ltd. (DFPCL).
- Chemicals and Fertilisers Minister, Shri Mansukh Mandaviya said that India will stop importing urea by the end of 2025 as a massive push for domestic manufacturing has helped bridge the gap between supply and demand.
- Epigral Ltd. has announced the successful commissioning of an additional 45-ktpa capacity of chlorinated polyvinyl chloride (CPVC) resin capacity at its Dahej facility in Gujarat.
- Deepak Chem Tech Ltd. (DCTL), a wholly-owned subsidiary of Deepak Nitrite Ltd. (DNL), has announced the commencement of operations at their state-of-the-art fluorination plant at Dahej, District Bharuch in Gujarat.
- SABIC, a global leader in the chemical industry, has signed a Memorandum of Understanding (MoU) with Pashupati Group, a leading Indian recycler of plastic waste and supplier of high-quality recycled products, including polyolefin pellets and recycled packaging bags, with operations in North, West & Southern parts of India.
- Koel USA Inc, a subsidiary of Mumbai based manufacturer of Pigments and Speciality Ingredients, Koel Colours Pvt. Ltd., has chosen Univar Solutions, the US based distributor of Speciality Ingredients and Chemicals, to exclusively distribute its Pigments and Colorants.
- Speciality Chemicals firm, Yasho Industries Ltd. Has announced the commencement of commercial production at its new Pakhajan Plant located in Dahej, Gujarat.
- UFlex, India's largest multinational flexible packaging and solutions company, began commercial production of poly-condensed polyester chips at its Panipat, facility on March 31, 2024.
- Gujarat-based dyes and speciality chemicals firm, Bodal Chemicals Ltd., which had started commercial production of Monochlorobenzene (MCB) on December 29, 2023 at its manufacturing unit at Village Saykha, near Dahej, Gujarat, has started production of MCB derivatives, including Para-Nitrochlorobenzene (PNCB) and Ortho-Nitrochlorobenzene (ONCB) on March 16, 2024.
- Indoco Remedies's Wholly-Owned Subsidiary, Warren Remedies Pvt. Ltd., has commenced commercial production of Pharmaceutical Intermediates and Active Pharmaceutical Ingredients (APIs) at its Greenfield Manufacturing Facility at Aurangabad, Maharashtra.
- Switzerland-based engineering and technology group, Sulzer, will supply its polylactic acid (PLA) production technologies to Balrampur Chini Mills Ltd. (BCML) to support the construction of India's first bioplastics plant.
- After a temporary shutdown in December 2023 due to flooding from Cyclone Michaung, South India based Fertilizer major, SPIC Ltd., has announced resumption of urea production at its plant in Tuticorin, Tamil Nadu, effective March 18, 2024.

Knowledge or Conduct Which is Greater?

MORAL STORY

Once upon a time, there was a King who used to respect Royal Priest of his Kingdom very much. Whenever he came, King would himself get up from his throne and honor him.

One day King asked him, "I have a question. Tell me whether a person's Conduct is great or his Knowledge is great." Priest said, "Give me a few days time, then I will answer your question."

Next day, Royal Priest went to King's Treasury and picked up some gold coins from there and kept them in his bag. Treasurer saw this but remained silent considering position of Royal Priest. Royal Priest kept doing this continuously for some days. He would go there and pick some gold coins and keep them in his bag and then go out after taking those coins. Treasurer always watched this. Since this was happening for a few days, the Treasurer went to the King and narrated the whole incident.

One day Royal priest reached King's Palace and that day neither King himself went to receive him nor got up from his Throne in respect. Royal Priest understood that matter of taking gold coins had reached to King. The King raised his voice and asked the Priest; "Have you taken gold coins from Treasury?"

Priest said, "Yes. This is true."

The King got angry and asked, "Why did you do this?"

Priest smiled and said, "I deliberately took the gold coins. I wanted to show you whether a person's Conduct is greater or Knowledge. When you came to know that I have taken Gold Coins without taking your permission, you didn't get up from your Throne in respect, which you usually do. On contrary you raised your voice and got angry at me.

Further with due respect the Priest enlightened the King "I want to remark in front of you that my knowledge was with me even before lifting the Gold Coins and it is with me even after stealing the Gold Coins.

The reality is I want to practically show you the perfect answer of your question. But as soon as you came to know about my theft, you lost the respect for me. From this, it's very clear that you used to respect me because of my conduct but as soon as my conduct changed, your thoughts about me also changed and you couldn't respect me.

MORAL OF THE STORY

We should always keep our Conduct good because if our Conduct is not good then even our Education, Position and Wealth cannot get us Respect.



Values play an important role in life. It not only help us to grow and develop but also to create a bright future. It also helps us to make good decisions and guide us throughout life. That's why values are held in high esteem. Good values are absolutely more important than education.

Values are individual beliefs that motivate people to act one way or another. They serve as a guide for human behavior. In the past, in each and every field of life, values were viewed much better and stood as a modular to succeed.

Values bring meaning into our lives. People with both education and values can have a meaningful existence. Being cultured or civilized are sub-parts of values and can help to define the objectives in life.

Value-based education plays a significant role in personality development, helping individuals tackle changing scenarios while dealing with social, moral, and cultural aspects. In traditional days, moral education and values were given due importance, and children in their early stages were taught good manners and imbibed inspirational stories.

The power of human values always help to display the best selves, and when we know how to use them, their power is magnified. Values can sow prosperity, in the development of self, family, society and community.

Power and Values have an intricate relationship. Power, whether political or transcendental, relies on values for its justification and endurance. Values, on the other hand, require some form of power to become widespread, effectual, and respected in society .

Thoughtfully developed core values serve as a compass. They act as a framework that provides clear guidance and a sense of purpose and consistency. This, in turn, helps drive decision-making, shape the culture, and build trust and credibility.

Values are incredibly good at making people feel proud of who they are. The same thing applies to groups as much as individuals. Values are not about WHAT you do, but HOW you do it. Values don't limit or even direct what the company does, but they are great in differentiating you. The values are, at best, an unparalleled aide in decision-making, big and small.





PUZZLE YOUR MIND

Q1- $4 + 2 = 156$
 $8 + 1 = 711$
 $6 + 5 = 1221$
 $7 + 4 = ???$

Q2- A Sphere has Three, A Circle has Two and a Point has Zero What is it?

Q3- There are certain men and horses. In all there are 25 heads and 82 feet - How many horses and how many men are there ?

Q4- How can you take 2 from 5 and leave 4 ?

Q5- Find 4 digit numbers in which first digit is one fourth of the last digit. Second digit is 5 times of the first digit and 3rd digit is second digit + 4 ?



Answer to
the Puzzles of
March 2024

Q-1 250

Q-2 5 Circles in an Olympic Flag

Q-3 One Grand Father, One Father & One Son
(Makes Two Fathers & Two Sons)

Q-4 Car - Key - Door - Lock - Room - Switch

Q-5 Tea Bag

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*Challenges come to change us & make us better.
How quickly do we get into our
newer upgraded version is how easily
we surpass these problems.*

Our Network



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2) Momai Warehouse - Prerna Complex, Bldg. No. B-7 Gala No.1, Anjur-Dapode Road, Val Village, Bhiwandi-421305, Thane.

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