

ILLUMINATION

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PRAKASH

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Water based Printing Inks Market Definition

The Water-based Printing Inks market consists of sales of Water-based Printing Inks and related services used for printing on fabric and paper. Water-based Printing inks are referred to as aqueous inks and are Dye and Pigment Inks. Water based inks are not waterproof and they have the property to fade in UV light. The use of Water-based Printing Inks has been limited due to compatibility with substrate materials, but they are successfully used in various applications including printing on Fabric, Paper, and some Plastics.

The Water-based Printing Inks market reached a value of nearly \$10,714.8 million in 2020, having increased at a compound annual growth rate (CAGR) of 0.8% since 2015. The market is expected to grow from \$10,714.8 million in 2020 to \$13,019.0 million in 2025 at a rate of 4.0%. The Water-based Printing Inks market is then expected to grow at a CAGR of 3.5% from 2025 and reach \$15,484.6 million in 2030.

The Water-based Printing Inks industry has introduced high-resolution replacement Inks as a highly cost-effective ink. High resolution inks are more effective than traditional inks as they allow fine and solid printing at high speed. They also enable re-printability and drastically reduce the number of cleaning stencils required. The market for packaging inks is dominated by solvent-based products, which boast outstanding wettability on plastic film substrates and dry swiftly after printing. Despite this, the demand for water-based, UV-curable and other environment-friendly alternatives is rising sharply. They are underpinned by the need to address key social imperatives, this includes the lowering of volatile organic compounds (VOCs), which pollute the air and impact working environments, the curbing of global CO₂ emissions, and the reduction of energy consumed in printing. Top companies in the market are developing high-definition inks with premium durability, fast dry time, and a longer shelf life.

The Water-based Printing Inks market can be segmented by product type into:

- * Acrylic Water-Based Inks
- * Shellac Water-Based Inks
- * Maleic Water-Based Inks
- * Other Water-Based Inks

Major Competitors in the Water based Printing Inks Market are:

DIC Corporation, Flint Group, Siegwark Druckfarben Ag & Co. KGaA, Sakata Inx & Toyo Ink SC Holdings Co., Ltd.



Mr. Mayur Sant
Associate Manager (Marketing)
Editor for the Month

Gujarat Chemical Association (GCA) Organized PLATINUM JUBILEE at Crystall Hall The Taj Skyline Hotel, Ahmedabad & Presentaation of Mr. Dilip Shah (Panel Chairman) in Panel Discussion.



Times of India honoured *Emerging Talent* of various Corporates in *Vadodara* as *Super Employees - 2022* and Mr.Kamlesh Jagyasi & Mr. Mayur Sant were chosen from Prakash Chemicals Agencies Pvt. Ltd.
!! Hearty Congratulations !!



Mayur Sant & Kamlesh Jagyasi from Prakash Chemicals Agencies Pvt Ltd

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THE TIMES OF INDIA

INDIA'S LARGEST ENGLISH NEWSPAPER

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NEWS DIGEST

Historical wrongs can't be righted in court, says Jamiat
 In the wake of the Gyanvick controversy, Jamiat Ulama-i-Hind has moved the SC seeking to become a party in the PIL challenging the constitutional validity of provisions of the Places of Worship (Special Provisions) Act, 1954, which freeze the religious character of structures as it was at the time of independence. **P. 11**

'Can't curb porn only by framing a law'; population growth can't be controlled just by imposing a regulation, Bihar CM Nitish Kumar said on Monday to set the cat among the pigeons days after Union minister Prakash Singh Patel of BJP said the Centre would soon introduce a law to make adherence to family planning norms mandatory. **P. 11**

Line convict in 2006 Varanasi blasts gets death: A Ghazabad court on Monday sentenced Waliullah, the lone accused to stand trial in the 2006 Varanasi blasts, to be hanged to death. **P. 8**

MoD nod for ₹76-crore military projects: The defence ministry on Monday gave the initial approval to military modernisation projects worth Rs. 76,290 crore, including the construction of eight next-generation coxtracs. **P. 6**

Urban-rural gap narrowing in diabetes burden: A first when the pandemic has disproportionately hit people with diabetes, the CDDE on Monday released a guideline document for the management of Type 1 diabetes. **P. 6**

'10% ethanol mix achieved before deadline'
 New Delhi: India has achieved 10% ethanol blending of petrol five months ahead of schedule: PM Narendra Modi said on Sunday.
 The achievement has accelerated a mission for 27 lakh tonnes, over the country. In 2022, the PM said in his address to a State Soil programme organised by Tata Foundation headed by spiritual leader Sadhguru to mark World Environment Day. For consumers, the achievement means that they will not have to pay an additional Rs 2 per litre pollution tax from October 1, first reported by TNN on May 8. **P. 9**

Adding service charge in bill is deceit: Goyal
 Times News Service
 New Delhi: A bill to amend the Consumer Protection Act should not add "service charge" in the bill as it would be left to the discretion of the traders, Union Minister for Consumer Affairs Minister Piyush Goyal said on Friday.
 Adding service charge in the bill is "deceit" as it would mislead people by charging for services. "I have to be the consumer's champion. Your restaurants cannot add service charge in a bill. If you find that some merchants do not begin to employ, it cannot be forced on customers." **P. 8**

THE TIMES OF INDIA

Chakabhaji Jewellers

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FEAT OF CLAYTON KUPERSMID WINS RECORD 14th FRENCH OPEN
 There are three certainties in life — death, taxes and Roland Garros winning the French Open. The Swabian secured a record 14th title at Roland Garros with a 6-3, 6-4, 6-0 rout of Norway's Casper Ruud on Sunday.

Madal, the oldest ever champion in Paris at 36, now has 112 match wins on the French clay court against just three defeats in 17 years: the first won the title in 2001. Madal has lost only seven sets in 12 previous

has won a single Slam. Other double-digit winners at a single Slam are Margaret Court who won the Australian Open 10x, 11 times.

WINNERS OF 26 PLUS SLAMS: Margaret Court (16), Steffi

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June 2022 - Birthday Wishes to Mr. Jay Zavery, Mr. Kamlesh Jagyasi, Mr. Vijay Mr. Dinesh Parmar



JUNE 2022 - CSR Activities

Prompted nutritional food recipes under the " Poshahar Mela " Celebration with Adolescent Girls of our adopted Anganwadi Centres.



"No Tobacco Day" Awareness Session held at adopted aangawadi Areas



World Environment Day Celebration with Anganwadi Children



Market Updates

- ❖ India has decided not to impose Anti-dumping duties (ADDs) on low density Polyethylene (LDPE) imports from Saudi Arabia, Thailand, Singapore and US.
- ❖ India Potash Ltd (IPL) has signed a long-term supply agreement with Israel based Speciality Mineral Company, ICL for supply of Organic Polysulphate through 2026, with a renewal option.
- ❖ UPL Ltd., a global provider of sustainable agricultural solutions, has announced that it would launch new insecticides in India containing the patented active ingredient Flupyrimin to target the most damaging Rice Pests.
- ❖ Kuehne+Nagel, the Global Logistics Company, has announced the launch of electric vehicle (EV) service for Airport transfers in Mumbai.
- ❖ BASF India Ltd., part of BASF Group which manufactures products ranging from chemicals, plastics, performance products, crop protection products to oil and gas, is increasing its capacity both at Dahej and Panoli facilities.
- ❖ The Indian paint and coating industry is growing rapidly at 13-14% and the big players are growing even at much faster pace. The entry of Grasim Industries into this segment has shaken the industry and led to the change in dynamics at stock market," says Sagar Goel, President, Indian Paint & Coating Association.
- ❖ Chlor-alkali and derivatives maker, Meghmani Finechem Ltd. (MFL) has commissioned its epichlorohydrin (ECH) plant with capacity of 50-ktpa at Dahej, Gujarat.
- ❖ Bodal Chemicals Limited, India's largest integrated manufacturer of dyestuff and dye intermediates, is planning a twofold approach - Modernisation at Rajpura plant and capacity addition at Saykha plant to increase its market share.
- ❖ Cosmo Speciality Chemicals, the wholly-owned subsidiary of Cosmo Films Ltd., has announced the launch of 'Silky SF' - a cationic softener that enables excellent softening effect on all kinds of textiles. The product will be available across Indian and global markets.
- ❖ Ascend Performance Materials has completed its purchase of Formulated Polymers Ltd., an engineered materials producer based in Chennai.
- ❖ The Board of Directors of Gujarat Alkalies & Chemicals Ltd. (GACL), at its meeting held on May 24, 2022, has approved the setting up of an 30,000-tpa Chlorotoluenes Project at Dahej at an estimated cost of Rs. 350-crore.
- ❖ India Pesticides Ltd. (IPL), a chemical manufacturer of technical Agrochemicals and their intermediates, with a growing formulation's business, has announced further expansion of its manufacturing capacity.

- ❖ India Pesticides Ltd. (IPL), a chemical manufacturer of technical Agrochemicals and their intermediates, with a growing formulation's business, has announced further expansion of its manufacturing capacity.
- ❖ Meghmani Finechem Ltd. (MFL), a leading producer of Chlor-Alkali and derivatives, has inked pacts with Renew Green Energy Solutions for setting up a wind-solar hybrid energy project in Gujarat. This marks the entry of MFL into the renewable power area.
- ❖ Overseas Polymers Pvt. Ltd. (OPPL), a subsidiary of the Vinmar Group (head quartered in USA), and a leading chemical and polymer marketing & distribution company in India, has announced the acquisition of Engineering and Chemical (India) Pvt. Ltd. (EngiChem), a leading Distributor of specialty chemicals in India.
- ❖ North India's first Industrial Biotech Park has been set up at Ghatti in the Kathua District of Jammu. The Park is expected to have facilities for herbal extraction, fermentation, distillation, micro-propagation and plant tissue culture, as well as analytical labs.
- ❖ DIC Corporation (Japan) has announced that its Wholly-owned Subsidiary, Ideal Chemi Plast Pvt. Ltd., has commenced construction of a new Coating Resins production facility in the Supa Industrial area in Ahmednagar District of Maharashtra.
- ❖ German Speciality Chemicals Firm, Evonik, has announced a new distribution set up for its Visiomer branded speciality methacrylates in India and Neighbouring areas.
- ❖ Parle Agro, a leading beverage player in the Indian beverage market, has urged the government to postpone the ban on use of plastic straws by six months, as local capacity of alternatives is still not adequate to meet the demand.
- ❖ AkzoNobel India, a leading paints and coatings company has launched the all-new Dulux Weathershield Max in the super-premium exterior emulsion segment of decorative paints.
- ❖ Coromandel International Ltd. (CIL), a leading Agri-solutions provider in the business of Fertilizers, Crop Protection, Biopesticides, Specialty Nutrients, Organic Fertiliser and Retail, has introduced five new products in its crop protection range. The new products span Insecticides (3), Herbicides (1) & Fungicides (1).
- ❖ The Centre of Excellences (CoEs) set up by the Central Institute of Petrochemicals Engineering & Technology (CIPET) under Department of Chemicals and Petrochemicals (DCPC), Ministry of Chemicals and Fertilizers, will play a key role in the Development of the Indian and Plastics Industries.
- ❖ Insecticides (India) Ltd. (IIL) said it has been granted two Indian patents for a Novel Miticidal Benzylamide and a Novel Dithiolane Compound for 20 years.

The Fragrance

In a small town there lived a wealthy merchant. He was very kind and charitable. He had a son, who had unfortunately fallen into a bad company. Many times the merchant advised his son not to go with the bad company. But all in vain. "Please, do not advise me what to do, my father. I know what is good for me and I know what to do," said the son.

One day, a great saint came to the town. The merchant went to the saint, sought his blessings and said, "My spoilt son is the only cause of my worry. Please help me."

After few minutes of contemplation, the saint replied, "Send your son to my Ashram tomorrow morning. I will talk to him."

Next morning, the merchant sent his son to the Ashram of the Saint. There the Saint asked the son to pluck a flower of rose from the garden of the Ashram.

The son did as asked by the saint. Then the saint asked "My Son Smell it and feel its fragrance". The boy did so.

Then saint showed the son a Sack of Wheat and said, "Keep the Rose near the Sack." The boy followed his instructions.

After an hour, the Saint asked the boy to smell the Rose again. "How does it smell now?" the Saint asked. The boy smelt the Rose and said, "It smells as good as before." Then the Saint said, "Hmm! Now keep the Rose near this sack of Jaggery." The boy did so.

After an hour, the Saint asked the boy to smell the Rose again. "Is there any change in the fragrance?" the saint asked the boy. "No. it smells as fresh as before," replied the boy.

Then the Saint said, "Boy, you should be like this Rose, giving the fragrance to everyone but at the same time not letting the bad Smell rub on to you from anyone. Your good qualities are your strength. You should not lose them in bad company."

The boy understood the saint's words and wisdom. "I am grateful to you, O Saint, for opening my eyes," said the merchant's son.

From that day onwards, he was Honest and Charitable like his cultured Father.

The beauty of Fragrance is that it speaks to our heart. It has a transformative quality to create magical experience to strengthen good qualities which awakens something Confidence and Mood Booster.

Collaboration in the Workplace and its benefits :

Collaboration in the workplace is a work style that helps employees work together to achieve a common goal in ways that benefit a company and its employees. Team collaboration is the cornerstone of any successful business. Collaboration allows quick adaptability and enhances performance. It works as a pivot because employees come together to work as a team. It helps one to achieve tasks sooner and without any hiccups. Collaboration in the workplace incorporates teamwork and several other aspects, such as the following:

Thinking and brainstorming ideas to provide solutions - This key element brings groups together to offer different perspectives and expertise to solve for common problems.

A strong sense of purpose - Groups and individuals who truly collaborate can see the value in working together. Collaboration is not forced upon someone. There should be a meaningful reason for working together, and it should benefit both parties or the company as a whole.

Equal participation - Treating everyone as equals, collaboration can open up communication and encourage ideas from all levels of the Company or Department, not just the Managers or Directors.

Main benefits of collaboration in the workplace are :

Access to Skills and Strengths : It helps to utilize the strengths and skills of everyone involved and will enable to share your knowledge and work with someone who can present the ideas in the best fashion. The more people involved, the more skills you have access to !

Develop Employee Skills : The company and employees benefit from collaboration because as a result of sharing ideas and working together, they see how others think, negotiate and operate. This gives employees a better understanding of how the company operates at a higher level and not just their individual department. The skills and knowledge that each employee can pick up from others can be utilized or taken back to their own Department to make improvements or enhancements.

Solve Problems and Innovate Faster : What may take three months to solve on your own, may only take three hours to solve in a collaborative workplace. Access to several employees with unique expertise and viewpoints will most likely to allow you to come up with ideas and solutions.

Work Efficiency : Collaborating in the workplace allows businesses to complete important projects and initiatives in a more efficient manner. With multiple individuals or departments involved, work can be distributed more evenly and efficiently to those who have the time and expertise. This is often referred to as a **Divide and Conquer Strategy**.

- Q.1) $14 + 5 = 44$
 $18 + 6 = 60$
 $29 + 8 = 101$
 $34 + 9 = ???$

Q.2) I am a Fruit, A Person and a Bird What am I

Q.3) Astrology starts with the alphabet A.
Biology starts with the alphabet B.
Limnology starts with the alphabet L.
Can you find an 'ology' that begins with 'P'?

Q.4) It is the son of the water but when the son returns to parent, it dies.
What is it?

Winner of Puzzle Competition - May 2022 Edition

!! Mr. Mayur Sant - Congratulations !!

Answer to the Puzzles of May 2022

Puzzle No.1) Ans : **763**

Puzzle No.2) Ans : **YDX**

Puzzle No.3) Ans : **BUSH**

Puzzle No.4) Ans : **SHADOW**

Puzzle No. 5) Ans : **ONION**



Don't wake up with the regret of what you couldn't accomplish yesterday. Wake up while thinking about what you will be able to achieve today.

- Representing -



- Accredited -



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- Mumbai (Warehouse):**
- 1) Sohil Warehouse, Near Adarsh Katta, Anjur Valgaon Road, Nr. Rahnal Village, Off Mumbai-Agra Road, Bhiwandi (Thane) Mumbai, India.
 - 2) Momai Warehouse - Prerna Complex, Bldg. No. B-7 Gala No.1, Anjur-Dapode Road, Val Village, Bhiwandi-421305, Thane.
- Rajkot (Warehouse):** Khodiyar Park Shed No.3, Ruda Transport Nagar, Sokhada Village, Navagam, Taluka : Rajkot, Dist. Rajkot - 360 002. Contact Nos. 84889 80856, 8511166879, 63588 08757