

PRAKASH

Chemicals Agencies



ILLUMINATION

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*Delivering Trust to the
world of chemistry*





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The textile industry relies on a set of core chemicals to ensure smooth processing, high fabric quality, and effective wastewater management. Each chemical plays a specific role across different stages of production.

Caustic Soda (NaOH – Flakes & Lye):

Caustic soda is widely used in mercerization to enhance fabric luster, strength, and dye absorption. It is also essential in scouring, where it removes natural impurities like waxes and oils, making the fabric more absorbent. Additionally, it helps maintain the alkaline conditions required for dyeing. Flakes are convenient for storage and on-site dilution, while liquid lye is ready-to-use and ideal for continuous, large-scale operations.

Hydrogen Peroxide (H₂O₂):

This is a key bleaching agent used to remove the natural color of fibers, creating a clean white base before dyeing or printing. It is preferred over chlorine-based alternatives due to its eco-friendly nature, as it decomposes into water and oxygen. It also ensures uniform dyeing, especially for lighter shades.

Phosphoric Acid (H₃PO₄):

Phosphoric acid is used to neutralize fabrics after alkaline treatments like scouring and bleaching. It also helps in removing rust and scale from machinery and maintaining the required acidity in certain dye baths.

Poly Aluminium Chloride (PAC):

PAC plays a critical role in effluent treatment plants (ETPs), where it acts as a coagulant to remove suspended solids, color, and dyes from wastewater. It also supports sludge formation and is essential for water recycling systems like Zero Liquid Discharge (ZLD).

Conclusion:

Together, these chemicals ensure efficient textile processing, improved fabric quality, and environmentally responsible operations.

Mr. Yash Pastagia
Executive - Marketing
Editor for the Month



Our MD Mr. Dilip Shah, along with the PCAPL marketing team, attended ChemExpo in Mumbai



A glimpse of our team at the engaging Saturday event



Celebrating Birthdays



Mr. Rajesh Raj

Mr. Kaushal Prajapati

Mrs. Ritika Vanjani

Mr. Prakash Bapodara

Mr. Bhavik Shah

Baby bag distribution drive for lactating mothers



Skill-based painting session on face art and creative work for women's livelihood



Dabur Glucose distribution drive for traffic police personnel



World Earth Day observed with Adopted Anganwadi children through plantation and coloring



Session on preparing nutritious food using ICDS-supplied premix





- Indian Textile Industry faces acute stress - raw material costs surged 25 - 30 percent (PTA/MEG 30-42 percent) while Yarn prices rose only 12-15 percent amid weak demand.
- NPSPL Speciality Chemicals will set up a Cathode Material Manufacturing Facility in Gudupalle Mondal near Kuppam in Andhra Pradesh.
- Road Transport and Highways Minister Shri Nitin Gadkari said India should aspire to achieve 100 percent Ethanol Blending in the near future.
- India's Pharmaceutical Exports slumped by 23.17 percent in March , the sharpest monthly fall in at least 5 years as the West Asia War choked shipping routes.
- Rosary Biotech Ltd.completes major Ethoxylation expansion at its Dahej Facility.
- Atomgrid a full stack Speciality Chemicals Custom Manufacturing and Sourcing Platform focussed on Agrochemicals has inaugurated it's Research and Development Centre in the Industrial Area Jigani, Bengaluru.Intertek buys Mitsui Chemicals Solar Laboratory Assets in Ahmedabad, Gujarat.
- DCM Shriram Ltd. entered into a Joint Venture Agreement with Teknor Apex B.V the Dutch Subsidiary of U S based to bolster its advanced Polymer Compounds capabilities.
- Intertek buys Mitsui Chemicals Solar Laboratory Assets in Ahmedabad, Gujarat.
- The Govt. has sharply raised Export Duty on Diesel and Aviation Turbine Fuel (ATF).
- EternisFine Chemicals, A Mumbai based Manufacturer of Aroma Chemicals, has set up a Joint Venture with S.O.F.I.
- A Cosmetiques, a French, family owned Cosmetics manufacturing Company.
- The Suschem Welfare Foundation (SWF) a Section 8 Company formed under the Companies Act 2013, will not conduct still development course on "Environmental Sustainability for the MSMEs in the Chemical Sector"on May 28-29, 2026 at Mahad, Maharashtra.
- The Central Govt. has waived Customs Duty on a wide range of critical Chemicals and Solvents till June 40, 2026 in view of the ongoing war in the Middle East and the consequent disruptions in Global Supply Chains.
- UKbased Croda International Plc has inaugurated a new Greenfield Manufacturing facility in Dahej, strengthening it's ability to serve fast growing markets in Asia.

The ILLUSION OF SHORTCUT

Sahil was known in his village for being clever - but also impatient. He always wanted quick results, easy win and shortcuts. While others worked steadily, Sahil would often look for the fastest way to finish any task.

One Summer, a severe draught hit the Village. The river dried-up, crops began to fail and everyone worried about water. The Village Head gathered everyone and said we must dig a deep well together. He said it will take time and effort but it's only our hope.

Everyone agreed and began digging from the next morning. The work was very hard. The sun was harsh and the ground was dry and stubborn. But slowly day by day, the well grew deeper.

Sahil joined them for a few hours on the first day but soon grew tired. "This will take for ever" he muttered "there must be a quicker way."

The next day, instead of helping the Villagers, Sahil went-off alone. He remembered hearing about a spot near the forest where the ground was softer. He thought if I dig there, I will find water much faster. Excited by his plan, he began digging. The soil was indeed soft, he made quick progress and he said proudly "I am smarter than the rest".

But after digging deep, he found nothing - no moisture and no sign of water. After several days of failed attempts, he became weak and disappointed and returned to the Village. On his way, to his surprise he saw a crowd gathered around the well where finally found clear and cool water.

Sahil felt a deep sense of regret while he had been chasing shortcuts, others had stayed patient and worked together and succeeded because they did not give up or scatter their efforts.

One day Sahil approached the Village Head and expressed his feelings about going shortcuts and failed to set results. The Village Head smiled and advised "efforts given in the right place with patience will always bring good results and quick paths often lead nowhere."

From that day Sahil changed and he learned to value consistency over shortcuts and teamwork over pride.

MORAL : There are no real shortcuts to meaningful success patience, persistence and steady efforts will always lead the way to success.



In today's fast changing work environment, one of the biggest mistake managers make is trying to control everything. While it may feel safe to keep a tight grip on every task which often slows down progress, reduces creativity and lowers team morale. A more effective approach is to focus on clarity instead of control.

What does clarity of control means ?

- It means clearly defining:Goals - what needs to be achieved?
- Expectations - what success looks like
- Roles - who is responsible for what

Once these are clear, the Manager steps back and allows the team to take ownership of how the work gets done.

Why is this important today?

Modern Work places are more dynamic than ever. Employees value trust, flexibility and autonomy where people understand exactly what is expected of them, they are more likely to:

- Take initiative
- Solve problems independently
- Feel motivated and engaged

Trying to control every deal can create dependency where employees wait for instructions instead of thinking positively.

To apply these tips :

- Set crystal clear goals instead of saying "Do your best".
- Define measurable outcomes for example "complete the report by Three Key Insights and Data Support.
- Communicate priorities openly - let your team to know what needs most urgent.
- When everything feels urgent, nothing truly gets done well
- Encourage questions early - Invite the team to clarify doubts at the beginning rather than correcting mistakes later
- Trust the Process - Once expectations are set, avoid micro managing. Give your team enough space to perform.
- Forces on outcomes rather than controlling how each task is completed.

Managers who practice clarity over control often get Higher Productivity, Better Team Work, Increased Innovation and Stronger Trust within the Team.





PUZZLE YOUR MIND

Q1- 3, 15, 60, 180, 360, ?

Q2- 3 : 30. :: 7 : ?

Q3- Never fit the Journey by borrowed Shoes - Define

Q4- 13 # 16 = .07 18 # 21 = 09 17 # 25 = 08 21 # 28 = ?



Answer to
the Puzzles of
March 2026

Q.1). YOUR FUTURE

Q.2). 145

Q.3). ALL PEOPLE ARE MARRIED

Q.4). 59

Q.5). IF YOU DON'T STUDY, LEARN OR
STAY OPEN TO NEW IDEAS, YOU WON'T
GAIN KNOWLEDGE OR GROW.

*Develop success from failures.
Discouragement and
failure are two of the
surest stepping stones to success*

Our Network



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