

PRAKASH

Chemicals Agencies



ILLUMINATION

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world of chemistry*





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Impacts of human exposure to chemicals and other hazardous materials can range from simple skin irritation to long-term illnesses such as cancer. Aware of the dangers that exist, it's important to create a culture of safety for handling, transporting, and storing these kinds of materials. When handling hazardous materials, all employees are not only responsible to undergo proper hazmat training by federal regulations and take not only careful handling but also to take ownership of creating and maintaining a safe work environment. The Hazard Classes are as under: Basic Rules for safely handling Hazardous Materials



Some important basic rules as to how can handle Hazardous Materials are given below:

- Have arrangements and procedures in place to handle emergency circumstances that may arise from hazmat spills or exposure. This means making sure employees understand emergency procedures, including evacuation, cleanup or what to do in case of fire.
- Make sure emergency equipment such as eye wash and shower stations are accessible, kept clean and are tested routinely.
- Train employees on first-aid skills and how to respond to co-workers who may be injured or experience chemical exposure.
- Always use the proper personal protection equipment (PPE). Old or damaged PPE should be replaced, and the PPE should be inspected prior to each use.
- Proper control measures like ventilation hoods should always be used and routinely inspected.
- Ensure all hazardous materials are properly marked. Make sure all hazmat containers are adequately labeled and that all chemicals are stored in the appropriate containers.
- Keep all hazardous materials stored properly. Keep chemicals in dry, cool and ventilated areas, and separate incompatible materials. Always keep lids closed – meaning leak-proof and vapor-tight – on all hazmat containers.
- Storage areas are free from items that might cause trips, falls or spills, and free from materials that might encourage pests or rodents. Always keep work areas clean. Not just of clutter, but clean work surfaces frequently to minimize risk of contamination or exposure.
- Only use hazardous materials for their intended purposes.
- Never eat or drink while handling hazardous materials, and always wash hands after using, handling or transporting hazardous chemicals.

Employees those who are handling hazardous materials should always read the labels to understand what they're working with and have the safety data sheet (SDS) accessible prior to use any materials in order to understand how to handle a spill or exposure to that chemical. Keep in mind prevention is the best medicine, make sure to report any concerns about damaged containers or potential leaks or spills immediately.

Mr. Vivek Patel
Manager - Logistics
Editor for the Month



Diwali Celebration at Prakash House



Creative Cubicle Decorations at Prakash Chemicals



Fast Finger Game Sparks Fun and Energy at Prakash Chemicals!



Colors of Creativity: Rangoli Competition Lights Up Prakash Chemicals!



Diwali Sweet Distribution



Mr. Meetkumar Parikh



Mr. Chetan Solanki



Kalpesh Mansukhbhai Makwana | Mohammadali Surti

Birthday

Hiteshkumar Rabari | Akash Bapubhai Kishori

Birthday

Health and Hygiene Awareness



Engaging Preschool Activities



Celebrated Diwali by distributing sweets to the workers



Celebrated Children's Day with fun activities.



Skill Development Initiatives



Medical Camp



CSR Summit on Impact for Nutrition





- Sadhana Nitro Chem Ltd., a Mumbai based manufacturer specialising in intermediate speciality chemicals, has received approval of its resolution plan for a 100% acquisition of Calchem Industries (India) Ltd. from the National Company Law Tribunal (NCLT), Mumbai Bench.
- The Board of Directors of DCM Shriram Ltd. have approved investment in Projects for making Aluminium Chloride facility and Granulated Calcium Chloride. The board gave the green light to a substantial capital expenditure of Rs. 310-crore for setting up the new chemical facilities in Jhagadia, Bharuch, including a 100-tpd (tpd)Aluminium Chloride facility and a 225 tpd granulated Calcium Chloride facility.
- India has imposed Anti-dumping duty on imports of Isopropyl Alcohol (IPA), Sulphur Black and Thermoplastic Polyurethanes (TPUs) from China for a period of Five years.
- Poly Carbonate (PC) is a high quality, engineering plastic with a unique combination of properties including strength, lightness, durability, high transparency and heat resistance. It is easily processed and found in several products from essential medical devices, electronics, computer housings, cars, buildings and consumer goods. It was once extensively used for optical data storage, but that has all but vanished.
- India's annual consumption of Poly Vinyl Chloride (PVC) resin, currently growing at a CAGR of about 7%, is set to cross the 5-mt mark in FY27, thanks to several drivers including the government's emphasis on housing, Smart Cities, and initiatives such as Digital India and Swachh Bharat.
- Laxmi Organic Industries Limited, top player in acetyl intermediaries and Ketene & DiKetene Intermediaries in India, has approved a capital expenditure of Rs. 181.9 crore for setting up n-Butyl Acetate Plant at Dahej, Gujarat and Ethyl Acetate Plant at Lote, Maharashtra. Hindalco Industries Ltd., the metals flagship company of the Aditya Birla Group, has announced that it will be setting up India's first e-waste and copper recycling plant in Dahej, Gujarat and Ethyl Acetate Plant at Lote, Maharashtra.
- India is moving towards a gasbased economy from the imported crude-based economy for its energy requirements, according to Oil Minister, Shri Hardeep Singh Puri.
- The United States Food and Drug Administration (FDA) has issued "Voluntary Action Indicated" or VAI tag to the manufacturing facilities of Biocon Biologics in Bengaluru.
- Ahmedabad-based GPE Expo Pvt.Ltd. in association with Bangladesh Association of Pharmaceutical Industries (BAPI) is organising the 16th edition of Asia Pharma Expo 2025 & Asia Lab Expo 2025, at the BBCFEC, Purbachal, Dhaka, Bangladesh, from February 12-14, 2025.
- The Rajasthan government has introduced a series of Policies and incentives to revitalise the mining industry. These initiatives are set to be a major highlight at the upcoming 'Rising Rajasthan' Global Investment Summit 2024, scheduled from December 9 to 11 in Jaipur.
- W.R. Grace & Co., the world's leading independent supplier of Poly Propylene (PP) process technology and Polyolefin catalyst technology, has announced that Nayara Energy Ltd. Has successfully started-up its new 450-ktpa PP plant in Vadinar, Gujarat.
- Mumbai-based Veermata Jijabai Technological Institute (VJTI) recently celebrated the opening of its newly renovated Department of Technical and Applied Chemistry
- The CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram, has set up a Centre of Excellence in Performance Chemicals and Sustainable Polymers. The Centre will focus on the need to strengthen R&D to reduce dependence on imports by fostering domestic production in chemicals and polymers.

There was once a wealthy merchant who lived a life of luxury, consumed by his ambition to grow richer. He had everything one could wish for—lavish homes, fine clothes, and abundant riches. However, he rarely spent time with his family, neglected friendships, and was indifferent to the needs of the poor.

One day, while sailing across the sea to close a business deal, his Ship was struck by a sudden storm. The merchant managed to grab onto a piece of wood and floated to a deserted island. Alone and terrified, he prayed for help.

Days turned into weeks, and the merchant grew desperate. He reflected on his life, regretting the relationships he had neglected and the kindness he had withheld. For the first time, he realized that his wealth, which once gave him power, was utterly useless on the island.

One night, he dreamed of a wise old man who told him, "You are given one more chance. Build a boat, and you will find your way back, but remember : the life you build after leaving this island will reflect your new choices."

Awakening with renewed determination, the merchant worked tirelessly to build a boat. He was eventually rescued and returned home. True to his dream, the merchant transformed his life. He spent time with his family, gave generously to the poor, and built meaningful relationships. For the first time, he felt a wealth that no money could buy—contentment and love.

Moral: Don't wait for a crisis to realize what truly matters in life. Relationships, kindness and inner peace are the real treasures. Pursue them before it's too late.



Upskilling and Development are vital for building a resilient, future-ready team. As industries rapidly evolve, a commitment to continuous learning keeps teams agile, fosters innovation, and improves retention. Some key strategies are :

Stay Ahead with Emerging Trends : Familiarize yourself with tools like AI, Data Analytics, and Automation that are reshaping industries. Understand green technologies and sustainable business practices.

Personalized Development Plans : Collaborate with team members to create learning paths aligned with their goals and organizational needs. Targeted training sessions for quick skill acquisition.

Promote Lifelong Learning : Encourage continuous education through workshops, online courses, and certifications.

Knowledge Sharing : Host peer-to-peer training sessions or “lunch and learn” events.

Embrace Cross-Functional Skills : Hybrid Skills Development: Blend Technical and soft skills (combining coding with storytelling for data presentations) and allow employees to experience different roles to broaden their skill sets.

E Learning Platforms : Use platforms for informations, Learnings etc. Use AI tools to match employees with mentors or recommend relevant resources. Also introduce game based learning to make training engaging.

Empower Employees with Ownership : Give employees the autonomy to learn at their own pace and assign projects that challenge team members to apply new skills.

Measure Progress : Use KPIs for learning - Use metrics like completion rates, knowledge retention, and application in the workplace to evaluate upskilling initiatives.

Feedback Loops : Collect feedback from employees to improve Training Programs.

Prioritizing Up-skilling equips your team with the tools and knowledge to navigate industry changes, drive innovation, and stay competitive. Investing in continuous development not only enhances individual capabilities but also strengthens the Organization as a whole, creating a foundation for Long-Term Success.





PUZZLE YOUR MIND

- Q1. Name the number which you multiply with any other number, the answer will always same.
- Q2. Complete the words so that the two letters that end the first word start the second word and the two letters that end the second word start the third word, etc. The two letters that end the sixth word also start the first word, to complete the circle.
- PI --
 - TT --
 - NG --
 - IR --
 - IG --
 - NU--



- Q3. I am a word of 8 letters from which if you remove last 4 letters, it will be a question. What is the word?
- Q4. How can you make six-letter word by using the following three letters any number of time - N, A & B
- Q5. Replace “ : ” with correct mathematics symbol to get the answer
 $35 : 28 : 120 : 10 : 7 = 103$

Winner October 2024

!!! Congratulation - Mr. Mayur Sant !!!

**Answer to
the Puzzles of
October 2024**

- Q-1 - $199 - 99 = 100$
- Q-2 - 658
- Q-3 - PENCIL LEAD
- Q-4 - AGE
- Q-5 - TREE

***“Our greatest weakness lies in giving up.
The most certain way to succeed is always
to try just one more time.”***

Our Network



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Prakash Chemicals Agencies Pvt. Ltd.

- Head Office :** Prakash House, 39/40, Krishna Industrial Estate, Opp. BIDD Gorwa, Vadodara - 390 016, Gujarat, INDIA.
T: +91 265 612 6000 | M: +91 78744 45025 | E: pcapl@prakashchemicals.com | W: www.pcaplindia.com
- Ranoli (Warehouse):** Survey No. 530/1, Somnath Estate, IPCL Road Karachia, Vadodara - 391350 | M: 97246 44207 | 9327969218
- Ahmedabad (Office):** B-309, Titanium City Center, Nr. Sachin Tower, 100 Feet Ring Road, Satellite Area, Ahmedabad - 380 015
Mob. 8511126722 /8511126720 | Email : dhavaldesai@prakashchemicals.com
- Ahmedabad (Warehouse):** Plot No 20, 21 & 22, R.K. Co-Operative Ware House, B/h Alfa Hotel, Nr Tata Steal, Narol Aslali Rd, Aslali, Ahmedabad - 382 427 | E-mal : amdwarehouse@prakashchemicals.com
- Surat (Office & Warehouse):** B-119,120 C-119,120 Green park Surat Navsari Road Unn Sachin, Surat pincode- 394210
- Mumbai (Office):** Room No.18, 2nd Floor, Fancy Chamber, 94 Surat Street, Danabunder, Chinchbunder, Nr. Masjid Bunder Railway, Mumbai – 400009, Maharashtra, India.
- 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, 63588 08757