

DYES & CHEMICAL MARKET

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Connecting the Chemical Industry Together!

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Online Auction | Caprolactam manufacturing plant



Plant closure. Unprecedented public auction
in Mexico of the chemical industry



July 10th, 2024 / Available inspections July 8 and 9, 2024



Industrial plant for chemical process, with capacity to produce 85,000 tons/year of Caprolactam, all assets are in stainless steel grade 304, 304L, 316, 316L; of different brands and capacities. The equipment included in this process are: 5 liquid/liquid extraction columns of the rotating plate type • 3 distillation and/or evaporation columns: 1 of the columns works under vacuum with 2 **Nash** pumps and a condenser, 2 columns work with positive pressure; Includes 3 kettles • 9 Ion exchange columns (anionic/cationic) • 3 Benzene distillation columns (one Bayonet type with level transmitter and integrated evaporator; one with 6 plates and embedded kettle; one is packed with **Rasching** rings, Bayonet type reboiler) • 1 **Carrier** refrigeration Chiller • **Grove** crane, 40 tons • Rail Tractor, **Trackmobile** • Rail Tractor, **Railking** • 1 Caprolactam Vacuum Distillation System with 5 separators of different capacities each • 1 Oximation System with 5 stainless steel reactors with turbine type stirrer, 1 of them with internal coil, 2 Ammonium Sulfate Organic Stream Separator • 2 Bekman Retrofit System: Each with Stainless Steel Reactor Tank with Diffuser Mixer, 2 Coolers, 2 Vertical 4-Step Pumps, 2 Cooler Feed Pumps; 1 Shared Storage Tank for the 2 Systems • 1 Hydrogenation System: It has 2 Reactors with Agitation, and 3 Catalyst Separators. With 19 Plates each Separator • 9 Coolers • 22 Condensers • 4 Heaters / Evaporators • 3 Heat Exchangers • 8 stainless steel storage tanks (7 vertical, 1 horizontal), different sizes and capacities • 2 vertical storage tanks in carbon steel • Approximately 50 centrifugal pumps of different brands and capacities (3, 5, 7.5, 10, 15, 20, 25, 75 HP) • General feeding piping, stainless steel and carbon steel valves in different sizes, flow meters, ejectors, mixers, among others.



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CHEMICAL MARKET

A MONTHLY MAGAZINE DEVOTED TO THE DYES, CHEMICALS, PHARMACEUTICALS, TRADE & INDUSTRY SINCE 1982

GAIL TO DEVELOP ETHYLENE FACILITY IN MADHYA PRADESH, INDIA

GAIL to setup INR 60k Crore ethane cracker project in Madhya Pradesh. The land will be provided by MP Industrial Development Corp. The 800 hectares of land will be used for 1500 KiloTons per annum (KTA) project and it also plans to develop a township of 70 hectares for the project. The production for commercial use will be starting from FY 30-31.

What is the Ethane Cracker project?

An ethane cracker is a large scale petrochemical facility that breaks down ethane into ethylene by superheating, which is the key chemical input for making plastics, adhesives, synthetic rubber and other petrochemicals.

What does this mean?

Ethylene is a raw material used in our daily lives from plastic bottles to antifreeze in your car or the clothes you wear. The chemical formula for Ethylene is C_2H_4 . It is an industrial organic compound which has a significant impact on our daily lives. It is a colorless gas with a fruity odour and no odour in its pure form.

According to Commodity Insights report, cracker margins have averaged at \$494.94 per metric ton. There has been a weaker demand since the pandemic and the European ethylene production is operating at around 70% to 75% as there is an oversupply of steam cracking capacity. GAIL's investment in the project puts India as a competitive player in the global petrochemical market.

Ethylene is available in different purity grades and concentrations to meet the specific needs of different industries. This chemical compound is highly flammable, non-toxic and non-corrosive. It has a boiling point of -103.7 degree C. Ethane is mainly a natural gas which is available under the earth and sea bed. Major source of Ethane are natural oil and gas fields and gets separated during steam cracking process.

Using steam cracking, manufacturers turn ethane and naphtha into various chemicals including Ethylene using extreme heating conditions around 750 degree Celsius. In Asia and Eu-

rope, Naphtha serves as a primary raw material for producing Ethylene while cracking Ethane can yield more than 80% Ethylene and cracking Naphtha can yield around 30% of Ethylene. Ethane's growth as a raw material for Ethylene is the reason why, it is more in demand than Naphtha and also due to its low relative cost, high Ethylene yield and less co-products while producing it.

Ethylene is flammable and it is the same gas which also helps in speeding up the ripening of fruits including your everyday bananas, mangoes and tomatoes you eat and is used in agricultural products. It is also used in antifreeze, refrigeration and also as a fuel gas for industrial cutting and welding when mixed with Oxygen. Ethylene is used in the synthesis of Polyethylene which is a plastic widely used in packaging, construction and various other industries. Ethylene Oxide is used as a sterilizing agent and manufacturing of ethylene glycol which is used in medical and automotive sectors. Ethylene Benzene is used in synthesis of styrene which is used in production of plastics, rubber and resins. Ethylene Dichloride is used to produce vinyl chloride which is used in PVC pipes.

There are many major players in Ethylene production all around the world like Sinopec, LyondellBasell, Dow Dupont, Exxon Mobil Corporation, INEOS, Chevron Phillips, Braskem, Zhejiang Petrochemicals, PTT Global, Shell and many others and GAIL is working on the new manufacturing facility in Madhya Pradesh. Reliance Industries and Indian Oil Corporation operate Ethylene production facilities in India and ensure a consistent supply to meet domestic needs. Also GAIL Mangalore Petrochemicals plant which was acquired through the NCLT process (JBF Petrochemicals) is expected to be completed in 2025 which has a capacity of 1250 KTPA. According to OEC, in 2022 the top exporters of Ethylene were South Korea (\$1.62B), United States (\$1.22B), Netherlands (\$1.13B), United Kingdom (\$529M), and Japan (\$368M). In 2022 the top importers of Ethylene were China (\$1.94B), Belgium (\$1.94B), Indonesia (\$864M), Germany (\$595M), and Chinese Taipei (\$399M).

- Rajiv Parikh



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CHENNAI PRICE TREND – 29.05.2024

Inorganic Chemicals	No of Units Per Pack	Price (Rs/Kg)
Acid Slurry (Soft)	50Kgs	120.00
Alum- Ferric	50Kgs	21.00
Ammonium Bicarbonate	25Kgs	35.00
Ammonium Bi fluoride (sugar-grade)	50Kgs	178.00
Ammonium Carbonate	50Kgs	90.00
Ammonium Chloride	50Kgs	24.00
Ammonium Nitrate	50Kgs	30.00
Ammonium Phosphate (Mono)	50Kgs	135.00
Ammonium Sulphate	50Kgs	22.00
Antimony Trioxide	50Kgs	1050.00
Barium Chloride	50Kgs	58.00
Bleaching Powder (33% Cl)	25Kgs	14.00
Borax (Granular)	50Kgs	70.00
Boric Acid (Tech.)	50Kgs	145.00
Calcium Carbonate (Activate)	50Kgs	18.00
Calcium Carbonate (Precipitated)	50Kgs	17.00
Calcium Chloride Lump 70%	50Kgs	14.00
Calcium Chloride-Anhydrous	50 Kgs	28.00
Camphor Oil	200 Litrs	135.00
Caustic Potash (Flakes)	50Kgs	85.00
Caustic Soda (Flakes)	50Kgs	42.00
Caustic Soda (Prills)	50Kgs	92.00
Chromic Acid Flakes	50Kgs	320.00
Chlorinated Xylene	25Kgs	85.00
Copper Sulphate	50Kgs	220.00
Di ammonium Phosphate	50kgs	34.00
Diocetylmalite	180Kgs	82.00
Ferric Chloride (Anhydrous)	50 Kgs	44.00
Ferrous Sulphate – crystals	50Kgs	16.00
Hydrochloric Acid	Naked	6.00
Hydrogen Peroxide 50%	50Kgs	34.00
Hyflosupercell	22.7Kgs	138.00
Litharge	50Kgs	220.00

Lithopone B301(China)	25Kgs	124.00
Magnesium Carbonate (Indian)	50Kgs	130.00
Magnesium Sulphate	50Kgs	18.00
Mercury	34.5Kgs	7,200.00
Naphthaline Balls	50Kgs	130.00
Nickel Chloride	25Kgs	625.00
Phosphoric Acid (85% Tech)	50Kgs	100.00
Potassium Carbonate (Powder)	25Kgs	110.00
Potassium Carbonate (Granules)	25Kgs	92.00
Potassium Nitrate	50Kgs	130.00
Potassium Permanganate [Tech]	50Kgs	190.00
Potassium Permanganate [Pure]	50kgs.	200.00
Potassium Phosphate (Di)	50Kgs	158.00
S.L.E.S	50kgs	55.00
Soda Ash Light	50Kgs	30.00
Sodium Bicarbonate	50Kgs	33.00
Sodium Bichromate	50Kgs	165.00
Sodium Bisulphite	50Kgs	52.00
Sodium Chlorite 50% (India)	50Kgs	240.00
Sodium Chlorite 80% (India)	50Kgs	280.00
Sodium Cyanide	50Kgs	650.00
Sodium Fluoride	50Kgs	150.00
Sodium Formate	50Kgs	55.00
Sodium Hexameta Phosphate 68%	50Kgs	132.00
Sodium Hydrosulphite [China]	50Kgs	180.00
Sodium Metabisulphite	50Kgs	45.00
Sodium Nitrate	50Kgs	52.00
Sodium Nitrite (China)	50Kgs	68.00
Sodium Silicate	Naked	28.00
Sodium Sulphate (Anhydrous)	50Kgs	15.00
Sodium Sulphide 50-52% (Flakes)	50Kgs	58.00
Sodium Sulphide 58-60% (Flakes)	50Kgs	52.00
Sodium Sulphite 92%	50Kgs	56.00
Sodium Tri polyphosphate	50Kgs	101.00
Titanium Dioxide Anatase	25Kgs	200.00

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Product Name	Qty	Grade
1-Butyl Triphenyl Phosphonium Bromide CAS# 1779-51-7	5 KG	None
Details : 1-Butyl Triphenyl Phosphonium Bromide Nashik, Maharashtra, India		

Product Name	Qty	Grade
Dilute Acetic Acid CAS#- 7585-20-8	30 Tonnes	None
Details : Need it on a regular basis. Mumbai, Maharashtra, India		

Product Name	Qty	Grade
Copper Sulphate - CAS# 7758-99-8	10 Tonnes	None
Details : Need it on a regular basis. Mumbai, Maharashtra, India		

Product Name	Qty	Grade
Titanium Dioxide TIO2 - CAS#: 1317-70-0	5 Tonnes	Chemicals
Details : Anatase Grade.		

Product Name	Qty	Grade
XANTHAN GUM FOOD GRADE 80 MESH	40 Tonnes	NA
Details : Shipping location:- CIF offer to Mombasa Port. Currently in need of this item to support our operations, and we would like to know if your company can supply this product. We value quality and require suppliers that can provide us with consistent and reliable products that meet our stringent standards. Ellesmere Port, Cheshire West and Chester, UK		

Product Name	Qty	Grade
2-Acetyl-4-methylpentyl) trimethylammonium iodide - CAS#: 1069-62-1	25 gms	NA
Details : 01 gm, 25 gm & 50 gm you are requested to advise your the best possible offer with Price / COA - Specifications / Packing / Availability / Payment terms for Anand, Gujarat, India		

Product Name	Qty	Grade
Cyanuric Acid CAS#: 108-80-5	1 Tonnes	Industrial
Details : Need it to export to China on a repeat basis. Chennai, Tamil Nadu, India		

Product Name	Qty	Grade
Epibromohydrin CAS No:- 3132-64-7	100 Kgs	Industrial
Details : Please quote the best CIF Air (Shanghai, China) price, with shortest lead time & COA/MSDS China		

Product Name	Qty	Grade
4-Piperidone Hydrochloride Monohydrate 99% CAS No:- 40064-34-4	1 Kg	Industrial
Details : Please share your best offer along with the COA, delivery time, packing detail and payment terms. Ahmedabad, Gujarat, India		

Product Name	Qty	Grade
Starvis 3003F // Viscosity Modifying Agent // 39069090 // BASF CONSTRUCTION POLYMERS GmbH	200 Kgs	Chemical
Details : Looking to buy 200kg Starvis, 1000kg Vinapor 2941 DF and 100 kg Kelco Crete DG-F of genuine BASF material. Melbourne		

Product Name	Qty	Grade
Dilute Acetic Acid	50 Tonnes	Chemical
Details : We are dealing in Acetic Acid, Dilute Acid and Hydrochloric Acid Since 1987 here in Ahmedabad Ahmedabad, Gujarat, India		

Product Name	Qty	Grade
Corium 4040	250	Industrial
Details : Please quote the best price with lead time & COA/MSDS, Technical document, Brochure of the product, Cost of Shipping to Bangladesh by Sea/AIR (Dhaka Air Port)Both Ways Kolkata, West Bengal, India		

Product Name	Qty	Grade
Selenium dioxide CAS No:- 7446-08-4	25 Kgs	Industrial
Details : Please quote the best price with lead time & COA/MSDS.		

Product Name	Qty	Grade
Nickel Sulphamate	500 Litres	Technical
Details : Please quote the best price with lead time & COA/MSDS. Indiranagar, Bangalore, Karnataka,		



a CAGR of 6.2% up to 2034. The main sectors contributing to this growth are the construction and automotive industries. Much of the stainless steel is recycled, which makes it a relatively eco-friendly material. About 43% of the Stainless Steel Manufacturing is located in western India due to its proximity to major ports for the import of alloying elements. Further, western India is also a major consumer and exporter. Austenitic stainless steel is the most widely

used type amounting to nearly 73%. Major producers like Arcelor Mittal, Jindal Stainless Ltd, and Nippon Steel have a substantial share of about 53%, with the balance shared by many other manufacturers. Major players are investing in research and development in the area of high-grade stainless steel with enhanced corrosion resistance and other special features.

Conclusion : Stainless steel has become

more than a material; it is a symbol of reliability and resilience. In the shimmering facades of skyscrapers, the sterile precision of surgical instruments, and the enduring quality of everyday objects, stainless steel had woven itself into the fabric of modern life. We can expect continued innovation in this field driven by technological advancements

Source : Team Chemical Market

Atmanirbhar Bharat A Chemical Reaction For Indian Self-Reliance

The Indian chemical industry, a significant contributor to the nation's manufacturing sector, is undergoing a crucial transformation driven by the "Atmanirbhar Bharat" (Self-Reliant India) initiative. This ambitious program, launched in 2020, aims to bolster domestic production and reduce dependence on imports across various sectors, with chemicals being a key area of focus. Let's delve into how this initiative is creating a positive chemical reaction for Indian companies.

The Landscape of Indian Chemicals

The Indian chemical industry is a powerhouse, valued at roughly USD 178 billion and projected to reach USD 300 billion by 2025. It boasts a growth rate of 10% annually, encompassing over 80,000 products and contributing a significant 18% to the country's manufacturing output and 14.35% to total exports. However, a substantial portion of the industry relies on imports, particularly for specialty chemicals.

The Need for Self-Sufficiency

The dependence on imports presents vulnerabilities. Global disruptions, like the COVID-19 pandemic, can affect supply chains and lead to price fluctuations. Additionally, a strong domestic

chemical sector is critical for various downstream industries like pharmaceuticals, textiles, and agriculture.

Atmanirbhar Bharat: A Catalyst for Change

The Atmanirbhar Bharat initiative recognizes these challenges and aims to create a more self-reliant chemical sector. Here's how it's serving as a catalyst

import-heavy. This includes fine chemicals, agrochemicals, and specialty polymers.

- **Boosting Domestic Manufacturing:** The government is providing incentives for domestic companies to set up new manufacturing facilities. This includes tax breaks, easier access to credit, and simplified regulatory processes.

- **Innovation and R&D:** Promoting research and development (R&D) is crucial for developing indigenous technologies and creating new chemical products. The government is encouraging collaboration between academia and industry to foster innovation.

- **Infrastructure Development:**

Building robust infrastructure, including dedicated chemical industrial parks and improved logistics networks, is essential for streamlining production and transportation.

for change:

- **Focus on Specialty Chemicals:** A core aspect of the initiative is to ramp up production of specialty chemicals, which have high-value applications and are currently



Booming Bright-The Indian Chemical Industry's Rise And Promising Future

The Indian chemical industry is a force to be reckoned with, and its future is brimming with potential. Currently the world's sixth-largest chemical producer, with a market size of \$178 billion in 2021, it's projected to grow at a breakneck CAGR of 11-12%, reaching a staggering \$290-310 billion by 2027 as per industry reports.

This growth is fueled by a rising star: specialty chemicals such as specialty polymers, coatings, and electronic chemicals. Unlike their commodity base chemical counterparts, specialty chemicals boast unique properties and cater to specific applications. This translates to higher margins, making them the hottest segment – projected to reach a value of \$50 billion by 2025.

Why Specialty Chemicals?

The demand for specialty chemicals spans diverse industries, from agriculture and food to various industrial applications. This versatility, coupled with their superior performance, makes them a lucrative choice for manufacturers. Additionally, both domestic and international factors are propelling their growth.

The China Factor: Opportunity Knocks

Previously, China dominated the base

chemical market, leveraging economies of scale and lax environmental regulations. However, stricter environmental controls have slowed their growth,



creating a global supply chain gap. This has presented a golden opportunity for India, with its robust quality and waste management standards. Indian chemical companies have seen a surge in demand, with revenue growing at a stellar 15% average rate over the past five years. This impressive growth happened even amidst a global slowdown and fluctuating chemical prices – a testament to the industry's resilience and pricing power.

India: The Emerging Chemical Powerhouse

Leading chemical players are actively diversifying their sourcing beyond China, a trend accelerated by the pandemic. This shift towards a multi-sourced

supply chain, coupled with the ongoing US-China trade war, has positioned India as a prime destination for chemical manufacturing. India's advantages are undeniable: a cost-competitive workforce, skilled labor pool, and proximity to Southeast Asia's burgeoning markets. Additionally, a similar trend is emerging in Europe, with some companies considering India as an alternative manufacturing hub due to its cost-effectiveness and anticipated stringent environmental policies.

A Look Ahead

While stock market performance in the past year has been subdued due to global market slowdowns and high raw material costs, the long-term outlook remains positive. Specialty chemicals continue to be the industry's rising star, and agrochemical companies are actively developing eco-friendly solutions to support sustainable agriculture. These developments hold immense promise for the future of the Indian chemical industry, fostering growth that benefits both producers and users.

Source : Team Chemical Market

How Milk Proteins Interact With Caffeine In Espresso

The swirl of milk and espresso — a small storm in your mug — doesn't impact the dynamics of the milk proteins, according to research published in ACS Food Science & Technology. Researchers took a molecular view of how

milk proteins and caffeine molecules interact in water and in a coffee drink. The results suggest that the structures of milk proteins remain intact, meaning they retain their original mouthfeel and taste in your morning brew.

Pouring milk into coffee causes the proteins to interact (e.g., combine or repel) with compounds extracted from the roasted, ground coffee beans, and that could change the proteins' mouth-



CphI - Informa Group			
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1	CPhI North America	May 20-22, 2025	Pennsylvania Convention Center, Philadelphia
2	CPhI Barcelona	Oct 24-26, 2024	Fira Barcelona Gran Via, Spain
3	CPhI Middle East & Africa	Dec 10-12, 2024	Riyadh, Saudi Arabia
4	CPhI China- Virtual CPhI	June 19-21, 2024	Shanghai, China
5	CPhI Japan	Apr 09-11, 2025	Tokyo, Japan
6	CPhI Korea	Aug 27 - 29, 2024	COEX, Seoul, Korea
7	CPhI India	Nov 26-28, 2024	Noida, India
MECS (Coating Show)			
1	Asia Pacific Coatings Show	Sept 11-13, 2024	Indonesia
2	Saudi Arabia Coatings Show	May 13-15, 2025	Dammam Saudi Arabia
3	Middle East Coatings Show	2026	Dubai World Trade Centre
4	Coatings For Africa 2024	June 19-21, 2024	Johannesburg, South Africa
DYE+CHEM			
1	Dye+Chem Morocco International Expo	Nov 7-9, 2024	Morocco
2	43rd Dye+Chem Sri Lanka International Expo	March 20-22, 2025	Colombo Sri Lanka
3	Dye+Chem Bangladesh International Expo	Sept 4-7 2024	Bangladesh
4	44th Dye+Chem Brazil International Expo	July 10-12 2024	Brazil
Red Carpet Events			
1	Bangladesh Int'l Dyes, Pigments and Chemicals Expo	Oct 24-26, 2024	Dhaka, Bangladesh
Turkey (Arkim Group)			
1	InterDye Textile Printing Eurasia	Nov 27-29 2024	Istanbul, Turkey
2	Paint Istanbul TURKCOAT	2026	Istanbul
3	Paint Expo Eurasia	Oct 01-03, 2025	Messe Karlsruhe
Other Exhibitions			
1	Paint India	Jan 30-31, 2025	Bombay Exhibition Centre, Mumbai
2	Expo Paint and Coating	June 27-29, 2024	Pragati Maidan, New Delhi
3	CIPI	TBD	Mumbai, India
4	Chemspec Europe	June 19-20, 2024	Germany
5	ChemUK Expo	May 21-22, 2025	NEC, Birmingham, UK
6	American Coatings Show	2026	Indianapolis
7	China Coat China	Dec 2024	China Import & Export Complex, Guangzhou
8	Interdye China	TBD	Shanghai, China
9	Paint Expo Germany	Apr 14-17, 2026	Messe Karlsruhe Germany
10	India Chem	Oct 17-19 2024	Mumbai Exhibition Centre, India
11	Water Expo 2024	Feb 26-28 2025	New Delhi
12	Inacoating 2024	July 30-Aug 1, 2024	JlExpo Kemayoran, Jakarta - Indonesia
13	Expo Paint & Coating	Sept 19-21, 2024	ICC Dhaka, Bangladesh



Booking price as on 11/06/2024

Current Exchange rate- $\$1 = 83.50$ INR

Chemicals	Current Prices	Location
Acetic Acid	410	CFR India
Acrylonitrile	1300	CFR India
Benzene	1055	CFR India
Phenol	1150	CFR India
Acetone	1210	CFR India
Butyl Acrylate Monomer	2300	CFR India
C9	990	CFR India
LAB	1650	CFR India
IPA	1210	CFR India
Methanol	290	CFR India
VAM	860	CFR South Asia
Toluene	1055	CFR India
Styrene Monomer	1210	CFR India
N-Butanol	1200	CFR India
Octanol	1490	CFR India
Isobutanol	1200	CFR India
MEG	615	CFR India
Mix Xylene-Solvent Grade	1030	CFR India
Glycerine	850	CIF India
DMF	850	CFR India
Acrylic Acid	1300	CIF India
Formic Acid	650	CFR India
Adipic Acid	1450	CIF India
Ethylene	940	CFR India
PTA	880	CFR India
Propylene	815	CFR India
THF	1600	CIF India

Note- All above booking prices have been directly collected from intenders and importers and verified.

Mumbai Market Price as on 10/06/2024

Name of Chemical	Current Price	Location
Acetic Acid-Imported Repack	45	Mumbai
Acetic Acid-Domestic Intact	56	Mumbai
Acetic Acid-Domestic Repack	45	Mumbai
Acetone-Imported Repack	107	Mumbai
Acetone-Domestic Intact	122	Mumbai
Acetone-Domestic Repack	108	Mumbai



New Chemical Products Listed on Chemical Market Leads Platform

THIO PHENOL



CAS-Number :

Molecular Weight : mol/g

Package Size :- Bottle

Markets :- Basic Chemicals | Pharmaceuticals & API | Food & Nutrition | Paints & Coatings | Intermediates | Specialty Chemicals | Agro Chemicals | Solvents | Electroplating | Pharmaceutical Intermediates | Textile Industry | Industrial Chemicals |

Molecular Formula :-

Available Qty :- 100.0000 Kgs

Price :- Available on Request

BENZOYL PEROXIDE / 94-36-0



CAS-Number :-

Molecular Weight :- mol/g

Package Size :-25 Kg HDPE Bags

Markets :- Basic Chemicals | Pharmaceuticals & API | Food & Nutrition | Paints & Coatings | Intermediates | Specialty Chemicals | Agro Chemicals | Solvents | Electroplating | Pharmaceutical Intermediates | Textile Industry | Industrial Chemicals |

Molecular Formula :-

Available Qty :- 100.0000 Kgs

Price :- Available on Request

PYROPHOSPHORYL CHLORIDE / 13498-14-1



CAS-Number :- 13498-14-1

Molecular Weight :- 251.74 mol/g

Package Size :- 50 Litre Barrel

Markets :- Basic Chemicals | Pharmaceuticals & API | Food & Nutrition | Paints & Coatings | Intermediates | Specialty Chemicals | Agro Chemicals | Solvents | Electroplating | Pharmaceutical Intermediates | Textile Industry | Industrial Chemicals |

Molecular Formula :- CL4O3P2

Available Qty :- 100.0000 Kgs

Price :- Available on Request

METHYLAMINE HYDROCHLORIDE / 593-51-1



CAS-Number :- 593-51-1

Molecular Weight :- 67.52 mol/g

Package Size :- 25 Kgs HDPE Bag

Markets :-Basic Chemicals | Pharmaceuticals & API | Food & Nutrition | Paints & Coatings | Intermediates | Specialty Chemicals | Agro Chemicals | Solvents | Electroplating | Pharmaceutical Intermediates | Textile Industry | Industrial Chemicals |

Molecular Formula :- CH3NH2·HCL

Available Qty :-100.0000 Kgs

Price :- Available on Request

SODIUM HYPOCHLORITE / BLEACHING WATER / 7681-52-9



CAS-Number :- 7681-52-9

Molecular Weight :- 74.44 mol/g

Package Size :- 25kg plastic drum, 22 MT/20'FCL

Markets :- Dyes and Pigments | Intermediates | Pharmaceutical Intermediates | Pharmaceuticals & API |

Molecular Formula :- CLNAO

Available Qty :- Kgs

Price :- Available on Request

