



Monthly
Chemical
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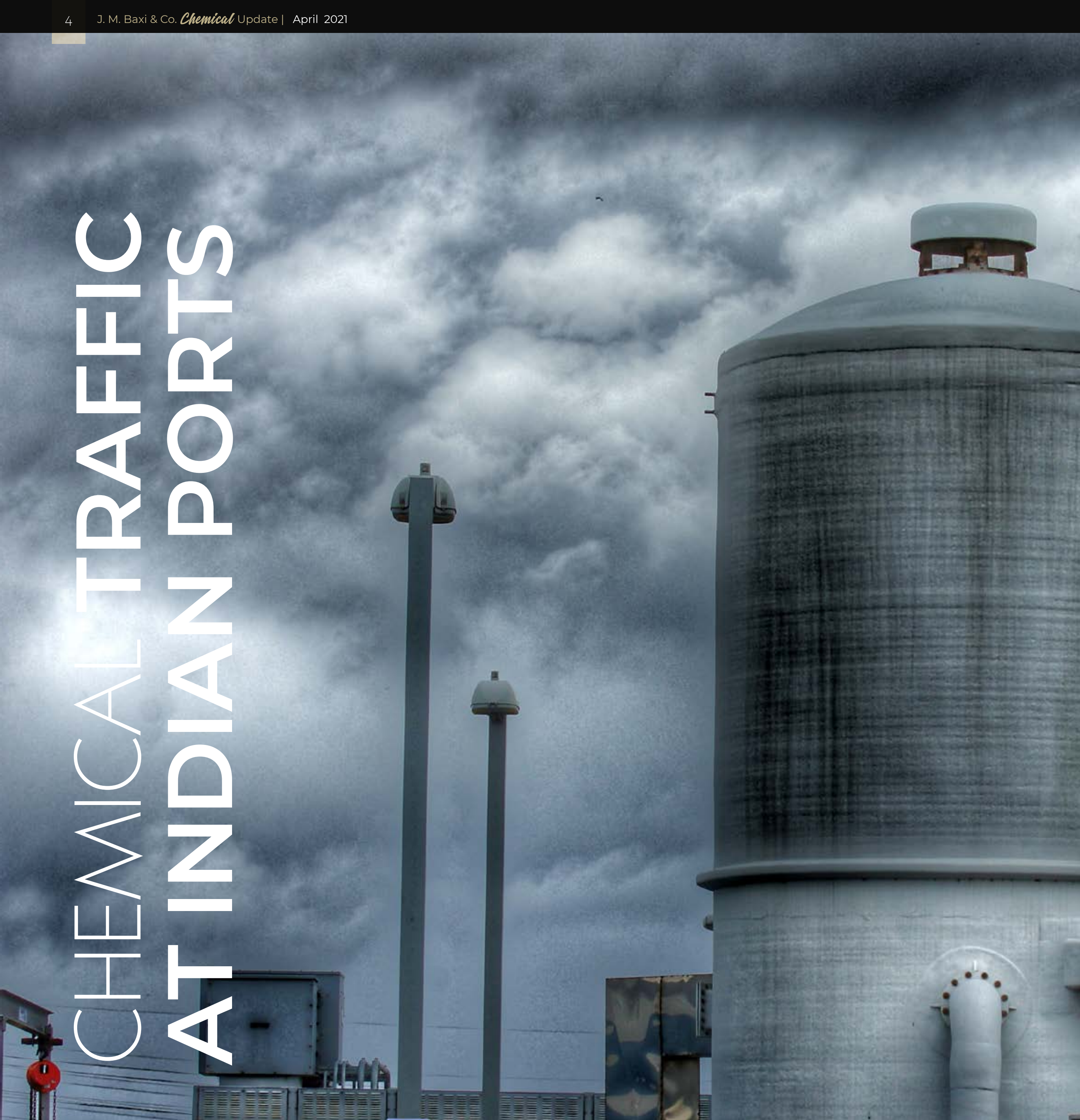
MAJOR CHEMICAL EXPORTERS (Qty in Million Tonnes) - March 2021

Market Overview And Trends

Highlights

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CHEMICAL TRAFFIC AT INDIAN PORTS



Chemical traffic at Indian Ports (Qty in Million Tonnes)

Port Name	Apr - Feb 2020-21	Apr- Feb 2019-20	Variance Y - O - Y
BUDGE BUDGE	0.133	0.169	-0.036
CHENNAI	0.292	0.204	0.088
COCHIN	0.168	0.167	0.001
DAHEJ	2.031	2.277	-0.246
ENNORE	0.113	0.090	0.022
HALDIA	1.081	1.317	-0.236
HAZIRA	1.877	1.188	0.689
JNPT	0.638	0.582	0.056
KAKINADA	0.022	0.004	0.019
KANDLA	2.608	2.362	0.245
KARWAR	0.012	0.024	-0.012
KOLKATA	0.014	0.065	-0.052
MAGDALLA	0.150	0.334	-0.184
MANGALORE	0.547	0.703	-0.156
MUMBAI	2.247	2.347	-0.100
MUNDRA	0.477	0.549	-0.072
PIPAVAV	0.301	0.135	0.165
RANPAR	0.031	0.032	-0.001
SIKKA	7.625	8.579	-0.954
TUTICORIN	0.077	0.041	0.037
VISAKHAPATNAM	0.853	1.118	-0.265
Grand Total	21.297	22.384	-1.087

**Major Chemical traffic at Indian Ports
(Qty in Million Tonnes) March 2021**

Port	Cargo	March- 21
BUDGE BUDGE	BASE OIL	0.010
	LUBE OIL	0.004
	MIX XYLENE	0.001
CHENNAI	BASE OIL	0.042
	ORTHOXYLENE	0.010
COCHIN	ETHYLENE DI CHLORIDE	0.005
	METHANOL	0.015
DAHEJ	CAUSTIC SODA	0.010
	MONO ETHYLENE GLYCOL	0.067
	PARAXYLENE	0.171
ENNORE	STYRENE MONOMER	0.019
HALDIA	BENZENE	0.012
	MONO ETHYLENE GLYCOL	0.020
	PARAXYLENE	0.078
HAZIRA	DIETHYLENE GLYCOL	0.018
	METHANOL	0.028
	MONO ETHYLENE GLYCOL	0.024
JNPT	AROMATIC FEEDSTOCK	0.022
	BASE OIL	0.018
	METHANOL	0.026
KAKINADA	TOULENE	0.001
KANDLA	DENATURED HYDROUS ETHANOL CHEMICAL	0.001
	J 150 (CHEMICAL)	0.280
	PARA DICHLORO BENZENE	0.002
MAGDALLA	PARAXYLENE	0.010
MANGALORE	BENZENE	0.021
	METHANOL	0.022
	PARAXYLENE	0.052
MUMBAI	BASE OIL	0.090
	METHANOL	0.082
	MONO ETHYLENE GLYCOL	0.011
MUNDRA	DENATURED ETHYL ALCOHOL	0.020
	ETHANOL	0.015
	PARAFFIN	0.008

PIPAVAV	BASE OIL	0.007
	DENATURED ETHYL ALCOHOL	0.008
	ETHYL ALCOHOL	0.010
RANPAR	ETHYLENE DI CHLORIDE	0.020
SIKKA	ALKYLATE	0.117
	BENZENE	0.090
	PARAXYLENE	0.370
TUTICORIN	CAUSTIC SODA LYE	0.005
VISAKHAPATNAM	CAUSTIC SODA	0.063
	ISO PROPYL ALCOHOL	0.006
	METHANOL	0.044
Grand Total		1.958

**Major Chemical cargos and their origin countries wise imports to India
(Qty in Million Tonnes) March 2021**

Country	Cargo	March- 21
AUSTRALIA	ETHANOL	0.015
BELGIUM	ETHYLENE DI AMINE	0.001
BRAZIL	METHANOL	0.022
CHINA	BUTYL ACRYLATE	0.005
	METHANOL	0.009
	VINYL ACETATE MONOMER	0.001
EGYPT	DIETHYLENE GLYCOL	0.000
	MONO ETHYLENE GLYCOL	0.006
JAPAN	BUTYL ACRYLATE	0.001
	CAUSTIC SODA	0.035
	ISO AND CYCLO ALKANE	0.001
	ISO PROPYL ALCOHOL	0.001
	NORMAL PARAFFIN	0.002

KUWAIT	DIETHYLENE GLYCOL	0.000
	MONO ETHYLENE GLYCOL	0.013
	PARAFFIN	0.005
	STYRENE MONOMER	0.012
	BUTYL ACRYLATE	0.003
	ETHYLHEXYL ACRYLATE	0.001
MALAYSIA	STYRENE MONOMER	0.003
	BASE OIL	0.009
	METHYLENE CHLORIDE	0.001
NETHERLANDS	HEAVY AROMATIC	0.001
	ISO BUTANOL	0.002
	PARAFFIN	0.003
OMAN	PARAXYLENE	0.021
	HEAVY AROMATIC	0.001
	LINEAR ALKALENE BENZENE	0.001
PAKISTAN	METHANOL	0.030
	OCTANE	0.000
	ETHYLENE DI CHLORIDE	0.025
QATAR	LINEAR ALKALENE BENZENE	0.013
	METHANOL	0.055
	MONO ETHYLENE GLYCOL	0.020
SAUDI ARABIA	PARAXYLENE	0.016
	BASE OIL	0.021
	MTBE (METHYL TERTIARY BUTYL ETHER)	0.005
SINGAPORE	NORMAL PARAFFIN	0.007
	STYRENE MONOMER	0.023
	VINYL ACETATE MONOMER	0.005
SOUTH KOREA	ACRYLONITRILE	0.002
	BASE OIL	0.013
	ISO PROPYL ALCOHOL	0.006
	PHENOL	0.001
	SOLVENT	0.001
	VINYL ACETATE MONOMER	0.002

TAIWAN	BASE OIL	0.003
	ICU D SOL 200	0.002
	ISO PROPYL ALCOHOL	0.003
	MONO ETHYLENE GLYCOL	0.007
	NORMAL PARAFFIN	0.002
THAILAND	BUTYL ACRYLATE	0.003
	EPICHLOROHYDRIN	0.001
	MIXED XYLENE	0.001
	TOLUENE	0.009
	TOULENE	0.001
U.A.E.	NORMAL PARAFFIN	0.003
	SOLVENT NAPHTHA L	0.000
UNITED STATES	DENATURED ETHYL ALCOHOL	0.028
	ETHYL ALCOHOL	0.010
	ETHYLENE DI CHLORIDE	0.016
VENEZUELA	METHANOL	0.009

**Major Chemical cargos and their destination countries wise exports from India
(Qty in Million Tonnes) March 2021**

Country	Cargo	March - 21
BELGIUM	BENZENE	0.006
BRAZIL	PARAXYLENE	0.013
CHINA	BENZENE	0.009
	ORTHOXYLENE	0.006
	PARAXYLENE	0.060
INDONESIA	CAUSTIC SODA LYE	0.005
	PARAXYLENE	0.018
MALAYSIA	PARAXYLENE	0.045
NETHERLANDS	BENZENE	0.019
	HEAVY AROMATIC	0.001
	PARAXYLENE	0.015
POLAND	PARAXYLENE	0.006

SAUDI ARABIA	BENZENE	0.037
	METHANOL	0.005
SINGAPORE	BENZENE	0.022
SPAIN	BENZENE	0.013
	ORTHOXYLENE	0.009
TAIWAN	ORTHOXYLENE	0.005
U.A.E.	PARAFFINIC RAFFINATE	0.014
UNITED STATES	ALKYLATE	0.117
	BENZENE	0.012
	PARA DICHLORO BENZENE	0.002
	PARAXYLENE	0.020

**MAJOR CHEMICAL IMPORTERS
(Qty in Million Tonnes) March 2021**

Importer	Cargo	March 2021
AARTI INDUSTRIES LTD.	PARA DICHLORO BENZENE	0.002
B. K. SALES CORPN.	METHANOL	0.005
BP SINGAPORE PTE LTD.	PARAFFINIC RAFFINATE	0.014
	PARAXYLENE	0.013
DHARANGADARA CHEMICAL WORKS LTD	CAUSTIC SODA LYE	0.005
HENGLI PETRO CHEMICALS	PARAXYLENE	0.016
INDIAN OIL CORPN. LTD.	BASE OIL	0.010
	LUBE OIL	0.004
KOLMAR GROUP AG	BENZENE	0.006
KOLMAR PETROCHEMICALS AG	BENZENE	0.006
LAKEVIEW SA	PARAXYLENE	0.015
LYONDELL CHEMICAL CO.	BENZENE	0.019
MITSUBISHI CORPN. PVT. LTD.	PARAXYLENE	0.018
MITSUMI AND CO. LTD.	PARAXYLENE	0.006
MITSUMI OIL (ASIA) PTE LTD.	PARAXYLENE	0.026
NATIONAL ALUMINIUM CO. LTD	CAUSTIC SODA	0.010
PETRO CHEMICAL COMMERCIAL CO.	HEAVY AROMATIC	0.001

PTT INTL. TRADING PTE LTD.	BENZENE	0.013
	ORTHOXYLENE	0.009
	PARAXYLENE	0.038
PTTEP INTL. LTD.	BENZENE	0.009
RECRON MALAYSIA SDN BHD	PARAXYLENE	0.045
RELIANCE INDUS. LTD.	ALKYLATE	0.117
	AROMATIC FEEDSTOCK	0.022
	MONO ETHYLENE GLYCOL	0.048
	PARAXYLENE	0.223
REPSOL TRADING SA	BENZENE	0.013
SABIC INTL. CO. LTD.	BENZENE	0.028
SAUDI ARAMACO LTD.	BENZENE	0.009
SINOCHEM INTL. OVERSEAS PTE LTD.	ORTHOXYLENE	0.006
TAIZHOU UNION CHEMICAL INDUSTRIES CO. LTD.	ORTHOXYLENE	0.005
TOTAL TRADING ASIA PTE LTD.	BENZENE	0.006
WANHUA CHEMICALS CO.	BENZENE	0.009

RELIANCE INDUS. LTD.	ALKYLATE	0.117
	AROMATIC FEEDSTOCK	0.022
	BENZENE	0.090
	MONO ETHYLENE GLYCOL	0.048
SAUDI BASIC INDUS. CORPN. (SABIC)	PARAXYLENE	0.370
	METHANOL	0.005

**MAJOR CHEMICAL EXPORTERS
(Qty in Million Tonnes) - March 2021**

Exporter	Cargo	March-2021
AARTI INDUSTRIES LTD.	PARA DICHLORO BENZENE	0.002
ARHAM PETROCHEM PVT. LTD.	HEAVY AROMATIC	0.001
DHARANGADARA CHEMICAL WORKS LTD	CAUSTIC SODA LYE	0.005
GUJARAT ALKALIC AND CHEMICAL LTD.	CAUSTIC SODA	0.010
HALDIA PETROCHEMICALS LTD.	BENZENE	0.012
INDIAN OIL CORPN. LTD.	BASE OIL	0.010
	LUBE OIL	0.004
ONGC MANGALORE PETROCHEMICALS LTD.	BENZENE	0.021
	PARAFFINIC RAFFINATE	0.014
	PARAXYLENE	0.052

MARKET OVERVIEW TRENDSS



HIGHLIGHTS

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Government to regulate unorganised biostimulant industry



Definitive anti-dumping duty imposed on N-Butanol imports from EU, Malaysia, Singapore, South Africa and US

Action based on petition filed by Andhra Petrochemicals Ltd, the sole producer

The Finance Ministry has imposed definitive anti-dumping duty on 'Normal Butanol' imports from the European Union, Malaysia, Singapore, South Africa and the US. Andhra Petrochemicals Ltd – which is the sole producer of N-Butanol in the country – had filed the petition seeking sunset review of the anti-dumping duty on imports from these countries. Based on the recommendations of the Designated Authority in the Directorate General of Trade Remedies in the Commerce Ministry in end March 2021, the Revenue Department has now imposed definitive anti-dumping duty of \$46.27 a tonne on Normal Butanol imports from the EU; \$51.42 a tonne from Petronas Chemicals Derivatives, Malaysia; \$26.59 a tonne from BASF Petronas Chemicals and \$149.31 a tonne from other producers from Malaysia; \$35.66 a tonne on imports from Singapore; \$13.24 a tonne on imports from South Africa. In the case

of normal butanol imports from the US, the definitive anti-dumping duty has been pegged at \$24.16 a tonne. The anti-dumping duty will be applicable for a period of five years, the Revenue Department said. Normal Butanol is a primary alcohol and is an excellent solvent for acid-curable lacquers and baking finishes derived from urea, melamine or phenolic resins. A large part of N-Butanol is converted into derivatives for use as solvents in coating industries and printing inks. Normal Butanol also finds application as extractant in production of drugs and natural substances, additive in polishes and cleaners, solubiliser in the textile industry, additive in de-icing fluids, anti-icing additive in gasoline, humectant for cellulose nitrate, feedstock in the production of glycol ethers and flotation aids (Butyl Xanthate) and as starting material for the production of butyl mono carboxylates, butyl acetate and butyl butyrate

Source: The Hindu Business Line



ACME, Tatweer to invest \$2.5-bn to set up green ammonia unit in Oman

Tatweer and ACME have identified the land parcel in Duqm region to set up the facility for producing 2,200-tonnes of green ammonia per day, an official statement said.

Gurugram-based renewable energy specialist, ACME Group, has signed a memorandum of understanding (MoU) with the Oman Company for the Development of the Special Economic Zone at Duqm (Tatweer) to invest \$2.5-bn to set up a green hydrogen and green ammonia facility at Duqm in Oman. Tatweer and ACME have identified the land parcel in Duqm region to set up the facility for producing 2,200-tonnes of green ammonia per day, an official statement said. The MoU aims to produce hydrogen and ammonia from renewable energy. Green hydrogen is produced through electrolysis from renewable energy, which becomes the raw material to make green ammonia, the statement said. ACME's green hydrogen and ammonia pilot project in Rajasthan is currently under construction and will be operational

by April 2021. "This is an exciting beginning of global alliances for producing green hydrogen & ammonia – the most important future source of energy that will help decarbonise the world. This large-scale plant is strategically planned to cater to international markets for supply of green ammonia across Europe, America and Asia region. ACME is geared to take up such large scale partnerships, bring indigenous and cutting edge technology to make green hydrogen and ammonia accessible affordably. We believe we can offer viable solutions to existing gas-based power plants to reduce their carbon footprint and lower levelised cost of energy (LCOE) using green ammonia as fuel than current battery-based storage solutions," commented ACME Group's Founder and Chairman, Mr. Manoj Kumar Upadhyay

Source: Chemical Weekly



Demand for petrochemicals to remain robust



The fifth edition of 'India Refining Summit', scheduled at a time when the Indian economy is witnessing green shoots of revival, highlighted the increased need for oil and gas, alternative fuel options, net zero carbon technologies and acceptance of digitalisation.



Inaugurating the conference, Mr. Tarun Kapoor, Secretary, Ministry of Petroleum and Natural Gas (MoPNG), observed that with the right capabilities, technical knowledge, manpower and infrastructure like ports, pipelines and product transportation facilities, India has the potential to become a global hub for the refining and the petrochemicals industry. "But with prices of crude oil constantly fluctuating, storage is also an important element and as the sector moves forward, we should be able to create more storage within the country." Mr. Kapoor felicitated Mr. R.K. Sabharwal, Chairman & Managing Director, Engineers India Ltd. (EIL) with the 'Lifetime Achievement Award' for his contribution to the growth and development of the industry. Dwelling on the prospects for the refining and petrochemicals sector, Ms. Vartika Shukla, Director (Technical), EIL, noted that growth of petrochemicals is typically one and a half times of GDP, which implies that the industry should be seeing growth of over 12% through to 2040. "When

we look at futuristic technologies of directly converting crude to petrochemicals, the percentage of COTC technologies might go up from 40% to 70%." While India's demand for gasoline and diesel remains robust, she felt hydrogen was the fuel of the future. The target of the research fraternity today is development of net zero carbon technologies and to achieve this goal, the sector is looking to the production of green hydrogen as an energy source. Mr. Purav Bhatt, from Siemens, observed that there was growing interest by the refining and petrochemical industries on remote-monitoring solutions, and on digital twins of manufacturing assets. Though India has sizeable refining capacity, refiners here need to improve in areas like energy use, reliability, volume expansion index that allows companies to sell lighter diesel, and alternative power fuel options. The new refineries also need to have higher complexity to provide better value-addition to petrochemicals

Source: Chemical Weekly



Tamilnadu Petroproducts to invest Rs. 435-crore to expand production facilities

The expansion plans include capacity augmentation of Linear Alkyl Benzene (LAB), revamp of caustic soda facilities and setting up a propylene recovery unit (PRU).

Chennai-based Tamilnadu Petroproducts Ltd. (TPL), an arm of the AM International Group, has announced plans to invest around Rs. 435-crore for capacity expansion and modernisation. The expansion plans include capacity augmentation of Linear Alkyl Benzene (LAB), revamp of caustic soda facilities and setting up a propylene recovery unit (PRU). LAB capacity is to be increased from 120-ktpa to 145-ktpa at an estimated cost of Rs. 240-crore. The project would be commissioned in about 24 months, post regulatory approvals. TPL also plans to modernise its chlor-alkali plant by replacing the mono-polar membrane technology with the bi-polar membrane technology at an investment of Rs. 165-crore. Once the

project is completed, the production capacity for caustic soda will rise to 250-tpd (tonnes per day) from the current 150-tpd. The propylene recovery unit (PRU), the first-of-its-kind in India by a private sector player in the non-refining sector, will be established at an outlay of about Rs. 30-crore. Propylene, a bulk chemical intermediate, is the raw material for propylene oxide and is derived from LPG. The company is in advanced talks with various domestic and international vendors for LPG for this project. The project, the technology for which has been developed in-house by the company's R&D team of engineers and environmental scientists, will be implemented in about 12-18 months, post-approvals

Source: Chemical Weekly



Government to regulate unorganised



This will help regulate the Rs. 1,500-crore market of biostimulants that promise farmers higher yields, quality and other benefits from the use of various compounds and microorganisms.



The government has brought biostimulants under rules that govern fertiliser and other crop nutrients used to enhance the productivity of soil. This will help regulate the Rs. 1,500-crore market of biostimulants that promise farmers higher yields, quality and other benefits from the use of various compounds and microorganisms. Unlike fertilisers and pesticides, these products were not regulated earlier and were sold without a certification of their efficacy, according to government officials quoted in a report in the Economic Times. The government will set up a regulatory body for such products, they said. "Now biostimulants will have to be first registered with the government and will have to prove efficacy before hitting the market. Proper labelling will have to be done, including name of manufacturers, ingredients and expiry date," said a senior Agriculture Ministry official.

He said the need for a regulatory body has arisen as many companies have started manufacturing biostimulants without any authentic formulation. "Farmers are getting cheated, as there is no authority to authenticate the efficacy of the growth stimulants. The regulatory body will ensure farmers get genuine products, which help in improving yield per hectare," he said. The biostimulant industry is highly unorganised with small players crowding the space. With growing demand for organic food products, the demand for organic farming will increase, which, in turn, will boost demand for biostimulants. "Once the industry gets regulated, all non-descript players will vanish and only those with authentic formulations will remain in the market. No biostimulant shall contain any pesticides beyond a permissible limit of 0.01ppm," said the official

Source: Chemical Weekly

Other Reports for April 2021

J. M. Baxi & Co. Monthly Agri Products Update

J. M. Baxi & Co. Monthly Automotive Logistics Update

J. M. Baxi & Co. Monthly Cement Update

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