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DYES & CHEMICAL MARKET

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Email : atul@kscl.co.in, daya@kscl.co.in
Website : www.kscl.co.in

Chemical Market Portfolio : https://www.chemicalmarket.net/profile/krishnasolvechem

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NIMISH M. MAVANI
CEO

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Fax : +91-22-6636 8829 Mobile : 98700 30965
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Gandhidham-Kutch 370201 Gujarat-India.
Email: naran@skcind.com
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Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers. This page was updated on July 10th 2020

CHEMICAL MARKET

No	Exibitions	Date	Place
CphI - Informa Group			
1	CPhI North America	Aug 10-12, 2021	Philadelphi
2	CPhI Worldwide Germany	Nov 9-11, 2021	Fiera Milano, Milan, Italy
3	CPhI Middle East & Africa	Sept 26-28, 2021	Abu Dhabi, UAE
4	CPhI China- Virtual CPhI	Dec 16-18, 2021	Shanghai, China
5	CPhI Japan	Apr 14-16, 2021	Tokyo, Japan
6	CPhI Korea	Oct 11-13, 2021	Seoul, India
7	CPhI India	Nov 24-26, 2021	Noida, India
MECD (Coating Show)			
1	Asia Pacific Coatings Show	Sept 01-03, 2021	Indonesia, Jakarta
2	Middle East Specialty Chemicals Show	June 15 2021	Dubai
3	Middle East Coatings Show	Sept 27-29, 2021	Dubai
4	Coatings For Africa	June 02-04, 2021	Sandton, South Africa

CHEMS			
1	Dye+Chem Morocco International Expo	Nov 24-27, 2021	Morocco
2	Dye+Chem Sri Lanka International Expo	Sept 23-25, 2021	Colombo Sri Lanka
3	Dye+Chem Bangladesh International Expo	Sept 01-04, 2021	Bangladesh
4	Dye+Chem Brazil International Expo	Nov 09-11 2021	Brazil
Red Carpet Events			
1	5th Bangladesh Int'l Dyes, Pigments and Chemicals Expo	Apr 02-04, 2021	Dhaka, Bangladesh
Turkey (Arkim Group)			
1	InterDye Textile Printing Eurasia	Mar 11-13, 2021	Istanbul
2	Paint Istanbul TURKCOAT	Sept 09-11, 2021	Istanbul
3	Paint Expo Eurosia	Nov 25-27, 2021	Istanbul
Other Exhibitions			
1	Paint India	Mar 11-13, 2021	Goregaon, Mumbai
2	Expo Paint and Coatings	July 8-10, 2021	New Delhi, India
3	CIPI	Note Sure	Mumbai, India
4	Chemspec Europe	Sept 29-30, 2021	Messe Frankfurt, Germany
5	ChemUK 2021 Expo	Sept 15-16, 2021	NBC, Birmingham, UK
6	American Coatings Show	Apr 05-07, 2022	Indianapolis
7	China Coat China	Nov 16-18, 2021	Shanghai, China Shanghai
8	Interdye China	Sept 27-29, 2021	China
9	Paint Expo Germany	Apr 26-29, 2022	Germany

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Product Name	Qty	Grade
Strontium Carbonate	1000 Kgs	Technical
Phenolic resins	1000 Kgs	

Details : We are interested to buy Strontium Carbonate Powder Imported and phenolic resins
Mr. Sunairaja. T
Sivakasi, Tamil Nadu, India
Email : pyrocheme@gmail.com
Tel.: 9443164779

Product Name	Qty	Grade
861229-15-4	1000 Tonnes	Industrial

Details : This is an additive for waterproofing membrane and purity more than 90%
Mr. David Ding
Singapore
Email : dingzhusong1972@yahoo.com
Tel.: 006591058487

Product Name	Qty	Grade
Succinic Acid 99%-food grade	80 Tonnes	Chemical
Acetic Acid	1 TankerLoad	
Benzene	1 TankerLoad	
Con Nitric Acid	1 TankerLoad	
Methanol	1 TankerLoad	
Soda Ash	4000 Kgs	
Acetone	1 TankerLoad	
Xylene	1 Tonnes	
Toluene	1 Tonnes	
Chlorine	1800 Kgs	
Sulphuryl Chloride	15000 Tonnes	
Imported Steam Coal (Indonesia) Cv 5700	1 Tonnes	

Details : My Client Required Succinic Acid 99%-food grade Please provide me Quotation along with Coa & MSDS Qty: 80MT Delivery Location: Mumbai,INDIA Payment under LUT Make : Imported/Domestic Please do the needful Required rates of above mentioned raw materials. Please reply via email/phone
Mr. Abhay Hingarh
Mumbai, Maharashtra, India
Email : jovikaenterprise@gmail.com **Tel.: 09821011976**

Product Name	Qty	Grade
N-Ethyl-2-Pyrrolidone NEP	8000 Kgs	Technical

Details :
Vandit Shah
Pune, Mh
Mobile: 9327238521 Email : vandit09@gmail.com

Product Name	Qty	Grade
861229-15-4	200 Tonnes	None

Details : For construction material
Mr. David
China
Email : dzs1972@hotmail.com
Tel.: 0086-13584039977

Product Name	Qty	Grade
Ammonium Sulphate Pure White	500 Kgs	Industrial

Details : Please contact via phone/email.
Mr. Manish Dharani
Ahmedabad, Gujarat, India
Email : manish@smdcpl.in
Tel.: 9879408765

Product Name	Qty	Grade
1,2-Bis(2-aminophe-noxy)ethane – HS Code 29222990	500 Kgs	Not Applicable
Napthol AS-PH - HS Code - 32041921	500 Kgs	Not Applicable
Fast Red KD Base (HS Code – 29225014)	2 Tonnes	Not Applicable
Napthol AS-LC (HS Code – 32041929)	500 Kgs	Not Applicable
Dimethylsuccinylo Succinate (DMSS) – HS Code 29181990	500 Kgs	Not Applicable

Details : The purity should be ideal for manufacturing of organic pigments. Looking for Indian manufacturers for pigment intermediates. Required products are on a monthly basis. We are into manufacturing organic pigments.
PRAVIN IYER
Baroda, Gujarat, India Mobile: 9898507767
Email : pravin.iyer@atpigments.com

Product Name	Qty	Grade
AMITRAZ 12.5 ec liquid	25-30 Lt	

Details : I require AMITRAZ 12.5 ec liquid for re-packing on monthly basis 25 to 30 ltrs
Gagandeep Singh
Amritsar
Mobile: 99158-44307
Email : vetsafepharma15@gmail.com

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Product Name	Qty	Grade
Ortho Xylene	20 Tons	Industrial
Toluene	10 Tons	
Glacial Acetic Acid	150 Tons	
Caustic Lye	200 Tons	
Copper Sulphate	10 Tons	
Copper Nitrate	10 Tons	
Titanium Dioxide Anatase Grade	3 Tons	
BF3 [Borone Trifloride]	2 Tons	
Glycerin	5 Tons	-

Details : We Have Our Chemical Factory at Kumbhivali in Raigad District of Maharashtra, India. Required on a Monhly Basis
Mr. Kamal Dujodwala and Pannkaj Dujodwala
Mangalam Organics Limited
Village Kumbhivali, Savroli Kharpada Road,
Khalapur - 410202, Raigad, Maharashtra, India
Web : www.mangalamorganics.com
Email : info@mangalamorganics.com
Tel.: +91-22-49204089

Product Name	Qty	Grade
Direct, Reactive and Optical Whiteners.		Industrial Dyes and Chemical

Details :
Anil Kumar Gupta
M/s Zenith Dyestuffs & Chemical Industries
Ludhiana Road, Malerkotala - 148023
Email : zenithdyes@yahoo.co.in/ info@idcda.in
Tel: 01675-263328
Mobile: +91-94172-40234/92165-40234

Product Name	Qty	Grade
Sodium Bi-sulphate	Bulk	Chemical
Polysol	Bulk	

Details :
Mr. Tejas Thakkar
M/s Nitish Enterprises,
203, Dariastan Bldg, 33, Dariasthan Street,
Mumbai - 400003,
Tel: 98200-92170

Product Name	Qty	Grade
Non Ferrous Metals		Manufacturer

Details :
Santosh Thakre
S S Fine Chem Laboratories
Email : ssfinechemlaboratories@gmail.com
Mobile : 9867774142

Product Name	Qty	Grade
Bentonite	500 Kg	Technical
Caustic Soda	500 Kg	Industrial
Hydrochloric Acid (HCL)	500 Litre	Chemical

Details :
Lal P Chacko
Email: lalpchacko@hotmail.com
Phone: +91-944-702-0652
Location: Calicut, Kerela

Product Name	Qty	Grade
Boric acid		
Potassium permangnate		
Potassium iodide		
Iodine		
Light liquid paraffin		
Heavy liquid paraffin		
Petroleum jelly		
Turpentine oil		
Castor oil		
Glycerine		
Zinc oxide		
Magnesium sulphate		
Copper sulphate		

Details :
Tajinder Goyal
Softex Surgical
Email : Tajinder.goyal@gmail.com
Ph: +91-980-555-6667

Product Name	Qty	Grade
AMANTADINE HCL	1400 KGS	
NITRIC ACID	1400 KGS	
N-BUTANOL	2500 KGS	

Details : Please share the best commercial price of below mention material with terms and condition.
Note: pls send me COA of all the products to technical verify and expedite procurement procedure.
Elixirpharma (www.elixirpharma.in)
Nikhil Panchal
Plot No. 164/A, Phase - II, GIDC,
Naroda, Ahmedabad - 382 330, GUJARAT.
Email: purchase@elixirpharma.in
Tel: + 91-79-22811986 Ext. : # 314
+ 91-7600010366 Ext. : # 314
Mobile: +91-98201-20633

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Product Name	Qty	Grade
Glycerine Terpinol	1 Tonnes	Industrial

Details :
Sanjay Rokad Shreeji Enterprise
Ankleshwar, Gujarat, India
Email : rokadsanjay@yahoo.com
Mobile : +91-701-615-0012

Product Name	Qty	Grade
Acetic Acid	Tanker	

Details :
Dinesh Gupta
HARESH ENTERPRISES (Wholeseller)
Email: setuenter@yahoo.co.in
Mobile: +91-9824200441

Product Name	Qty	Grade
Ammonium Sulphate pure white		

Details :
Manish
SM Dharani Chem Pvt Ltd(Manufacturer)
Email : manish@smdcpl.in Mobile : 9879408765

Product Name	Qty	Grade
CAS NO 112-12-7 FISCHER'S BASE	2000 Litres	Any

Details :Required on regular basis. Min Qty 2000 Ltr.
Mr. Jitendra Bhalgat
Ahmednagar, Maharashtra, India
Email : jbhalgat11@gmail.com
Tel.: 9422220871

Product Name	Qty	Grade
Potassium Carbonate Granular	750 Kgs	Industrial
Sodium Nitrate	1500 Kgs	
Caustic Soda Flakes	2000 Kgs	

Details : Require following grade Caustic - GACL Ray-on Grade Potassium Carbonate - Equal to UBID Korea
Mr. Utpal Shah
Mumbai, Maharashtra, India
Email : utpal@jayeshgroup.com
Tel.: 9820144091

Product Name	Qty	Grade
Toulene	5000 Kgs	Industrial

Details : Kindly arrange to send us quotations
Santosh Taksale
Pune, MH Mobile: 9028843799
Email:santosh.taksale@manikchandpackaging.com

Product Name	Qty	Grade
Diethylene Glycol		

Details :
Rakesh Bachani
Royal Chemicals (India)
Email : info@royalchemindia.com
Mobile : +91-922-150-3305

Product Name	Qty	Grade
Naphthalene Powder	-	
Para Di Chloro Benzene Powder		
Camphor Powder		

Details :
Xavi
Gabhri Pharma (Manufacturer)
E-mail : fragrancevalley1992@gmail.com
Mobile : 9847687718

Product Name	Qty	Grade
Resorcinol	-	
Triethyl amine		
Paraformaldehyde		
Formaldehyde		

Details :
Ashok Patil (Manufacturer)
DD Patil Chemicals, Amalner Dist Jalgoan
Email: ddchemicalsales@gmail.com
Mobile: +91-735-022-6099

Product Name	Qty	Grade
Pine Oil	-	
Emulsifier Alfox200		
various TOP		

Details : I need total raw materials for mfg. of Detergent powders, Floor cleaning Liquid etc.
Arvindbhai Vadhadia
NewCera Minechem (Manufacturer)
Email : newceraminechem62@yahoo.com
Mobile : +91-9429460123

Product Name	Qty	Grade
3-(2-Ethyhexyloxy) Propylamine. CAS NO : 5397-31-9	5 Tonnes	Chemical

Details : Need this 5 Tonnes.
Raj Shah
NASSOLKEM, BUL BUL (Manufacturer)
Email : natchem@gmail.com
Mobile : 7069039335

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Product Name	Qty	Grade
CAS NO 112-12-7 FISCHER'S BASE	2000 Ltr	Any

Details : Required On Regular Basis. Min Qty 2000 Ltr.
Jitendra Bhalgat
Ahmednagar, Maharashtra, India
Email : jbhalgat11@gmail.com
Mobile : 9422220871

Product Name	Qty	Grade
Sodium Hypochlorite	500 Kgs	Industrial

Details : We need this product on a regular basis (Monthly) Please contact us if you are a manufacturer or a distributor. (Required in and around Calicut Kerela)
Rajshree Varshney
Mumbai, Mh
Mobile: + 917520945076
Email : rajshree.varshney@gmail.com

Product Name	Qty	Grade
Tera Hydrofurin (thf)	-	

Details : We are Trader and Deal in api and solvents
Rajiv Kapoor
Global Enterprises (Traders)
Mobile: 8866506582
Email : globalenterprisespurchase@gmail.com

Product Name	Qty	Grade
Modified Starch	1 Tonnes	Technical

Details : for our won purpose
Purushotham M
Salem, Tamil Nadu, India
Mobile: +919443326055
Email : sreestarch@gmail.com

Product Name	Qty	Grade
Trifluoromethyl benzene (CAS 98-08-8)	300 Kgs	Industrial

Details : for our won purpose
Chetan Lakhpati
Thane, Maharashtra, India
Mobile: 9920337763 Email : clakhpati@gmail.com

To Post your enquiries contact
info@chemicalmarket.net or visit
https://www.chemicalmarket.net/search

Product Name	Qty	Grade
QUARTASEPT (CMD 14-005)	500 Kgs	Chemical

Details : An Aviation/Airline Disinfection product that complies with the widely used industry specifications AMS1452 or AMS1453 (Such as substances containing 62% -71% ethanol alcohol, 0.5% hydrogen peroxide, or 0.1% sodium hypochlorite).
Kishor at Moglix
Noida
Mobile: 96503-64721
Email : Kishor.tarafdar@moglix.com

Product Name	Qty	Grade
IPA		

Details : Bulk requirement
Amit Dave
Amit International (Distributor)
Email : amitintl@zoho.com
Mobile : 9821323563

Product Name	Qty	Grade
Fast Red KD Base (HS Code – 29225014)	2 t every month	
Napthol AS-LC (HS Code – 32041929)		
Napthol ASIRG (HS Code - 29242990)	500 kg every month	
Dimethylsuccinylo Succinate (DMSS) – HS Code 29181990		
Napthol AS – HS Code 29242990		
Napthol AS-PH - HS Code - 32041921		
1,2-Bis(2-aminophenoxy) ethane – HS Code 29222990		
2,4,6 Trichloro Aniline	100 Kgs	Chemical

Details :
Pravin Iyer
AT Pigments (Manufacturer)
Email : pravin.iyer@atpigments.com
Mobile : 9898507767

Product Name	Qty	Grade
Silica Sand	500 Tonnes	Industrial

Details :
Mr. Haroun Mousa
Dammam
Mobile: 00966566663350
Email : haroonmousa69@gmail.com

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Product Name	Qty	Grade
Titanium dioxide		

Details :
P. DO. SHAH
SEMITONE INDIA (Manufacturer)
Email : prakash@pcf.co.in
Mobile : 918850655380

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Product Name	Qty	Grade
Glacial Acetic Acid	30 Kgs	

Details : Please send us the below information of this product with COA / spec If you have any query then feel free to contact me directly. Thank you in advance, and look forward to receive the requested information from you. Abhishek Jha (Executive Purchase)
Abhishek Jha
Valsad, Gujarat, India
Email : pur5@triveniinterchem.com

Sales Enquiries

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Product Name	Qty	Grade
Barium Titanate		
Calcium Titanate		
Lead Titanate		
Lithium Titanate		

Details :
P. DO. SHAH
SEMITONE INDIA (Manufacturer)
Email : prakash@pcf.co.in
Mobile : 918850655380

Product Name	Qty	Grade
Industrial Label Gum 38051010		

Details :
Janardhan
Katyayani Polymers (Manufacturer)
Email : katyayanipolymers@gmail.com
Mobile: +91-995-990-0375

Product Name	Qty	Grade
Purified Terephthalic Acid	-	Trader

Details :
Rakesh Bachani
Royal Chemicals (India)
Email : info@royalchemindia.com
Mobile : +91-922-150-3305

Product Name	Qty	Grade
Toluene c9 and solvents	-	Trader

Details : We are Trader and Deal in api and solvents
Rajiv Kapoor
Global Enterprises (Traders)
Mobile: 8866506582
Email : globalenterprisespurchase@gmail.com

Product Name	Qty	Grade
Reactive Dyes	Bulk	Distributor
Ramazoles		
Vat Dyes		

Details :
M/s Diamond Dyes Industries Pvt. Ltd.
102, Nain Krupa, 1st Floor, 118/112, Kazi Sayed Street, Masjid (West), Mumbai - 400 003
Tel: 022-2340-2754
Mobile: (Bharat Bhai) 093241-36095
Dilip: 093242-48986
Email: bharatd18@gmail.com

Product Name	Qty	Grade
Atul Direct Fast Orange GR		
Atul Direct Violet Extra		
Atul Direct Fast Scarlet 4BS		
Atul Acid Orange II		
Atul Crocein Scarlet Moo		
Amarthol Asph		
Solophenyl Fast Grey Rln		
Ciba Typewriter Brand Direct Green		
Solophenyl Blue BL 200		
Chemicals		

Mitesh Modi
Contact : 9830090208, 9339459367
Email : amritdyes1952@gmail.com

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Sales Enquiries

Product Name	Qty	Grade
Alfa Napthols		
Diethyl Meta Toluidine		
2 Nitro Di Methyl Tere-phthalate		
5 Nitro 2 Amino Phenol		
Aceto Acetanilide		
Meta Phenylene Di-amine		
Ortho & Para Anisidine		
Dye Intermediates		Broker
Chemicals		Broker

Details
M/s H. Rameshkumar
Goradia House, 3rd Floor, Room No. 309, 100/104, Kazi Sayed Street, Mumbai - 400-003
Tel: 022-2344-4365
Mobile: +91-93231-36833

Product Name	Qty	Grade
2Methoxy Naphthalene which is use in agarbatti and perfume		
4 chloro anisole		
Sodium sulphate		

Details :
Ashok Patil
DD Patil Chemicals, Amalner Dist Jalgoan
Email: ddchemicalsales@gmail.com
Mobile: +91-735-022-6099

Product Name	Qty	Grade
ACETIC ACID cas number 64-19-7 / Hsn number 29152100		
Hydracloric Acid		

Details :
Dinesh Gupta
HARESH ENTERPRISES (Wholeseller)
Email: setuenter@yahoo.co.in
Mobile: +91-9824200441

Product Name	Qty	Grade
Ammonium Sulphate caprolactum grade		

Details :
Manish
SM Dharani Chem Pvt Ltd(Manufacturer)
Email : manish@smdcpl.in
Mobile : 9879408765

Product Name	Qty	Grade
Sodium Bi Sulphate	-	-

Details :
M/s Anant Corporation / Nitish Enterprise
203, Dariyasthan Chambers, 2nd Floor, 33, Dari-**yasthan Street, Masjid (West), Mumbai - 400 003**
Tel: 022-6331-2140 Fax: 022-2347-1894
Mobile: 098200-92170, 098198-61068
Email: nitish2846@gmail.com

Product Name	Qty	Grade
Plastic Bottles		
Carboys		
M.S. Capsules		
Bungs		
All Types of Sealing Machines		

Details :
M/s Samir Brothers
Ashok Niwas, 2nd Floor, Daulat Nagar, Road No. 3, **Borivali (East), Mumbai - 400 066.**
Tel: 022-2808-1542 / 022-2805-9475 / 022-2855-8035 (R)
Contact For: Plastic Bottles, Carboys, M.S. Capsules, Bungs & All Types of Sealing Machines

Product Name	Qty	Grade
Red 195	-	-
Red 196		
Red cd		
Orange me2rl		
Orange 72		
Fast Magenta		
Yellow FG		
Blue me2rl		
Blue gg		
Blue me2gl		
Blue 222		
Yellow ME4GL		
Yellow H7GL		
Yellow 95(P6GS)		
Yellow 37(GL)		
Yellow HE6G		
Red (P4BN)		
Red HE88		
Red HE7B		

Details :
Jitendrabhai
Mobile : +91-9904063662

Sales Enquiries

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Product Name	Qty	Grade
Pigment Yellow 74 (5 GX) (2 GX)		
Pigment Red 146		
Pigment Yellow 83		
Pigment Red - 2		
Pigment Violet - 19		
Red - 122		
Red - 112		
Yellow - 180		
Yellow - 151		

Details : We want Indian manufacturers for pigment intermediates listed above. we are into manufacturing organic pigments.
Pravin Iyer
AT Pigments (Manufacturer)
Email : pravin.iyer@atpigments.com
Mobile : 9898507767

Product Name	Qty	Grade
Textile binders		
Paint & Construction Chemicals		
Wood Adhesives		
Adhesives for Printing & Packaging Industries		
Leather Chemicals		

Details :
R P Agrawal
Texochem Industries (Manufacturer)
Email : info@texochem.com
Mobile : 919820217042

Product Name	Qty	Grade
Glycerine	12 Tons	Manufacturer

Details :
Tajinder Goyal
Softex Surgial
Email : Tajinder.goyal@gmail.com
Ph: +91-980-555-6667

Product Name	Qty	Grade
Pharma Intermediates	-	

Details :
Arnish
Chemox Chemopharma Industries (Manufacturer)
Email : vekariya.arnish@ymail.com
Mobile: +91-990-908-3070

Product Name	Qty	Grade
KAILASH brand detergent paste		
detergent round tablet		
home care products for cleaning purpose		

Details :
Jagdish Thakral
Shri Hariram Export Pvt. Ltd. (Manufacturer)
Email: jthakral@kailashgroup.com
Phone : 07122734041

Product Name	Qty	Grade
Polyacrylamide		
Hydrochloric Acid		
Indutrial Safety Mask		

Details : Bulk requirement
Amit Dave
Amit International (Distributor)
Email : amitintl@zoho.com
Mobile : 9821323563

Product Name	Qty	Grade
Hydrazine Hydrate 80%		

Details : we have stock of our own imports
Anamika soni
Punjab Chemicals & Crop Protection Ltd (Manufacturer)
Email : anamika@punjabchemicals.com
Mobile : 9867724805

Product Name	Qty	Grade
EDTA Tetra Sodium Liquid	-	

Details :
Parthiv
Shiv Chem Industries (Manufacturer)
Email : chelateshivchem@yahoo.co.in
Tel.: 079-2282-3447

Product Name	Qty	Grade
Diflubenzurone	250 Kg 500 Kg	

Details :
CHANDRESH HAPANI
ANIMED (Distributor)
Email : animed6@yahoo.co.in
Mobile : 9830175616

Sales Enquiries

Product Name	Qty	Grade
Sulphur Powder		
Sulphur Roll		

Details : we are manufactuers of Sulphur powder and Sulphur roll
Adesh
J.K.Industries, Deoband (Trader)
Email : jkind.dbd@gmail.com
Mobile : 9412113914

Product Name	Qty	Grade
Mercuric Chloride		

Details :
Surendra Agrawal
Ankur Chemicals (Manufacturer)
Email : ankurchemical@yahoo.com
Mobile : 09352500959

Product Name	Qty	Grade
Personal Care		
Home Care		
Detergent raw materials		
APG		
Decyl glucoside		
Coco Glucoside		
Lauryl Glucoside		
Saurasoft 612 (Lipid Layer Enhancer)		
MES Liquid (Methyl Ester Sulphonate)		
PEG 400		
Defoamer		
Emusifier		
Wetting Agent		
Buffering agent - pH stabiliser		
Klenz B - Disinfectant Cleaner		
FW 351 - Glucoside based fruit and vegetable wash		
Saurawash 201 (Concentrated Glucoside based antimicrobial Hand Wash)		

Details :
Prashant Satpute
Sauradip Chemical Industries Pvt. Ltd. (Manufacturer)
Email : prashant.satpute@sauradip.com
Mobile : 09769015004

Product Name	Qty	Grade
Solvent Dyes (solvent yellow 82 & orange 62)		

Details :
Prakash Patel
NAVDURGA DYES & CHEMICAL (Manufacturer)
E-mail : navdurgadyes@gmail.com
Mobile : 9022673905

Product Name	Qty	Grade
Sanitizing Alcohol Swabs 70 percent IPA / 67-63-0 / 3005 / Isopropyl Alcohol / 70 percent / Medical	Bulk	Medical

Details :
Sameer Makhija
Mak Medicals Private Limited (Manufacturer)
Email : makmedicalsltd@gmail.com
Mobile : +91-987-140-8777

Product Name	Qty	Grade
Inorganic Salts		

Details :
Santosh Thakre
S S Fine Chem Laboratories (Manufacturer)
Email : ssfinechemlaboratories@gmail.com
Mobile : +91-986-777-4142

Product Name	Qty	Grade
Borax	Bulk	

Details :
Sandip Agarwal (Distributor)
Supreme Borochem Private Ltd
E-mail : sandip@sbpl.co.in
Mobile : +91-983-100-1334

Product Name	Qty	Grade
General Tablets and Liquid Syrup		
NSAIDs		
Cough syrup		
Narcotics formulation		
Antibiotics		

Details :
Nirav Patel
Indamed Pharmaceuticals Pvt. Ltd. (Manufacturer)
Email : indamedpharma@yahoo.co.in
Mobile : +91-968-787-7922

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Printer and Publisher:
Parimal Parikh

Editor:
Rajiv Parikh

Content:
Pranisha P. Jadhav
Sonam Parikh

Designer:
Pranisha P. Jadhav

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Published by
Parimal B. Parikh at
401/C Himachal Bldg, Opp. Sunder Nagar, S.V.Road, Malad (West), Mumbai 400064.
Mobile: 91-87798-30330

Contact Information:
Tel: 91-981-964-4048
91-877-983-0330
91-913-731-6486
Email: info@chemicalmarket.net

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Phone: 98196-44048 / 91-877-9830330

CHEMICAL MARKET

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

Where are we headed?

Vaccination increases, no sign of 3rd wave yet

The government has said that 3 Indian states, Himachal Pradesh, Sikkim, and Goa have given the first dose of the vaccine to all eligible adults. According to one report India has already crossed 7.5 crore doses and can achieve 45% of the population by December 2021. Vaccination in India has picked up pace greatly in recent weeks with more than 42% of Indians having received at least one dose of the vaccine. New case numbers in India have been in the 30,000 to 45,000 range for a while now - without any significant increase on a national level. While various estimates are predicting a 3rd wave in a few months, there seems to be no sign that a third wave is coming yet. But it is always better to be cautious then to be there in the open.

The Synthetic Dyes And Pigments Industry Grows With Increasing Demand From End-Users

According to The Business Research Company's research report on the synthetic dyes and pigments market, dyes and pigments find multiple applications in paints and coatings, printing inks, textile, construction and plastics. The paints and coatings industry is experiencing high growth due to expanding infrastructure development in many countries. Major driving factors of the synthetic dyes and pigments market are increasing demand for high-performance pigments (HPP), and growing opportunities for new applications in end-user industries such as printing inks, textile, construction and plastics. The global paper, plastics, rubber, wood and textile market is estimated to grow from $5,782.5 billion in 2020 to $8,049.7 billion in 2025 at a compound annual growth rate (CAGR) of 6.8%, implying the demand of synthetic dyes in the market. The synthetic dyes and pigments market is expected to especially be driven by the rapidly growing packaging industry. This is mainly due to increased demand from the toiletries, food & beverages, healthcare, and other industries, particularly in emerging economies. The market for synthetic dyes and pigments is expected to grow with the launch of high-quality digital printing applications on flexible packaging and labelling. Growing demand for digital printing due to the need for high quality printing will lead to an increase in the demand for packaging printing, driving the synthetic dyes and pigments market. For example, the Asia Pacific packaging and labeling industry is forecasted to grow to $91.28 in 2030 as compared to $40.15 in 2020. The global synthetic dyes and pigments market is expected to grow from $53.95 billion in 2020 to $58.61 billion in 2021 at a compound annual growth rate (CAGR) of 8.7%. The growth is mainly due to the companies rearranging their operations and recovering from the COVID-19 impact, which had earlier led to restrictive containment measures involving social distancing, remote working, and the closure of commercial activities that resulted in operational challenges. The market is then expected to grow at a CAGR of 4.8% from 2020 to reach $68.35 billion in 2025. The synthetic dyes and pigments market expected return is $80.99 billion in 2030, at a CAGR of 3.5%.

Going forward, rising demand for high performance pigments, high demand from end-user industries. and increasing demand from the packaging industry will drive growth. Factors that could hinder the growth of the synthetic dyes and pigments market in the future include fluctuating raw material costs, reduction in free trade, growing demand for natural dyes and pigments and outbreak of coronavirus disease (COVID-19), which are reasons that could lead to the synthetic dyes and pigments market expected to crash. Asia-Pacific was the largest region in the synthetic dyes and pigments market 2020, accounting for 32.3% of the total. It was followed by Western Europe, North America, and then the other regions. Going forward, the fastest-growing regions in the synthetic dyes and pigments market will be Africa and the Middle East, where growth will be at CAGRs of 9.0% and 8.0% respectively. These will be followed by South America, and Eastern Europe where the markets are expected to grow at CAGRs of 7.5 and 5.3% respectively, during 2020-2025. *(Full Report can be found on " e Business Reports" website)*

According to one report from the Times of India, the export of dyes from India rose 33% to $247 million in July 2021 from $185 million compared to last year. (data compiled from CHEMEXCIL). Gujarat accounts for around 70%-75% exports for dyes and dye intermediates from India. However, it was reported that most of the reduction in exports last year was due to the COVID related restrictions and other temporary variables which affects the exports.

-Rajiv Parikh

Benvic Group Acquires Chemres, A Specialty US Compounder Focused On High-Performance Polymer Compounds Primarily For The Medical Sector

CHEVIGNY-SAINT-SAUVEUR, France, Aug. 13, 2021 /PRNewswire/ -- Benvic announces the acquisition of the US-based Chemres, a leading provider of polymers, custom compounds and solutions for a variety of industries including medical, packaging, wire & cable.

Headquartered in Princeton (New Jersey) and with operations in Chesapeake (Virginia), Chemres is a specialty compounder with a strong position in the US contact lens market and it also has long-term customer relationships in the medical, wire & cable, and packaging industries. The company provides a high level of dedicated customer service as well as logistical and supply chain management expertise.

The combination with Chemres will allow Benvic to enter the US market and strengthen its exposure to the medical sector, allowing Benvic to become a key global supplier in this market. Benvic will combine its track record of supplying highly innovative solutions with the expertise of Chemres in the North American marketplace and its strong customer portfolio.

The acquisition of Chemres is the ninth 'add-on' acquisition since Benvic joined Investindustrial's portfolio in 2018. Among the others, in 2019 Benvic acquired Modenplast Medical, an Italian compounder, specializing in medical grade vinyl compounds and tubing extrusion. This was followed in 2020 with the acquisition of Luc & Bel, an Italian manufacturer which specializes in the design and manufacture of medical device components, and in 2021 with the acquisition of selected TPE and PP compounding assets from Celanese.

The management team of Chemres, led by Chemres' founder Paul Keimig, are partnering with Benvic to lead Benvic's growth in North America.

Luc Mertens, CEO of Benvic Group, said: "like Benvic, Chemres is a top performer in the compounding industry; out-performing competitors in growth, quality and client satisfaction. Our shared culture for performance and innovation will enable us to develop new business and technical synergies, and provide us with an exciting strategic opportunity in the US market. We look forward to work closely with the management team of Chemres in the coming years to expand our operations in North America and grow our polymer expertise across sectors and in particular in the medical sector. This acquisition is an important step forward in Benvic becoming a global leader in compounding."

Paul Keimig, CEO of Chemres, said: "Chemres is excited to partner with Benvic in order to accelerate our growth as well as provide additional value for our customers. Benvic's proven success in similar markets and the desire to use Chemres to grow its portfolio in the US market was key in our decision making process. With Benvic's vision to be the global leader, Chemres will accelerate its growth through organic and additional compounding acquisitions in the US market. Together, Benvic Group, through Chemres, will have unparalleled, global capabilities in the compounding world."

Read the full report : https://www.chemres.com

If you want your report abstract to be published please contact Info@dyeschemicalmarket.com

Global $477.85 Petrochemicals Global Markets, 2015-2020, 2020-2025F, 2030F: Construction, Packaging, Automotive & Transportation, Healthcare, Electrical & Electronics

DUBLIN, Aug. 13, 2021 /PRNewswire/ -- The "Petrochemicals Global Market Report 2021: COVID-19 Impact and Recovery to 2030" report has been added to ResearchAndMarkets.com's offering.

The global petrochemicals market is expected to grow from $365.01 billion in 2020 to $429.11 billion in 2021 at a compound annual growth rate (CAGR) of 17.6%. The market is expected to reach $477.85 billion in 2025 at a CAGR of 3%.

Major companies in the petrochemicals market include Saudi Basic Industries Corporation (SABIC); Sinopec; Royal Dutch Shell Plc; LyondellBasell Industries and INEOS AG.

The petrochemicals market consists of the sales of petrochemicals by entities (organizations, sole traders or partnerships) that produce acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbons and/or produce cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons. The petrochemicals market is segmented into ethylene; propylene; benzene; xylene; styrene; toluene; cumene and other petrochemicals.

Asia Pacific was the largest region in the global petrochemicals market, accounting for 45% of the market in 2020. Middle East was the second largest region accounting for 21% of the global petrochemicals market. Eastern Europe was the smallest region in the global petrochemicals market.

Many petrochemical manufacturers are adopting IoT (Internet of Things) technologies to connect equipment's' and smart devices to obtain real time insights and identify inefficiencies in the manufacturing process. The data obtained is processed, analyzed and interpreted by plant managers and senior level management to improve quality and achieve optimum production levels. For example, smart systems give information on the working condition and performance of chemical reactors with embedded software and analytics tools to notify plant operators and managers on possible machine breakdowns.

Oil price volatility is likely to have a negative impact on the petrochemicals market as significant decline and increase in oil prices negatively impacts the government and consumer spending.

The decline in oil prices is having a negative impact on government spending in countries such as Saudi Arabia, Nigeria and the UAE (United Arab Emirates) which are largely dependent on revenues generated through crude oil exports; whereas significant increase in oil prices had resulted in spurt in inflation, current account deficit and fiscal deficit in countries such as India and China, which predominantly imports oil.

For instance, the Saudi government is expected to cut down its spending from 1.05 trillion riyals ($280 billion) in 2019 to 1.02 trillion riyals ($270 billion) in 2020, to 955 billion riyals ($255 billion) by 2022, due to significant decline in revenues generated from oil exports, thereby affecting the market. This high volatility in oil process is further expected to negatively impact the market going forward.

The petrochemicals market is expected to benefit from growth in the automobiles industry during the forecast period. There is a drive for production of automobiles which is leading to an increase in demand for petrochemical products which are used in manufacturing of brake parts, radiator and other components.

For instance, the global motor vehicles market increased from $1,793.8 billion in 2014 to $2,323.9 billion in 2019, at a CAGR of 6.7% , thus increased use of plastics in automobiles is expected to increase the demand for petrochemicals during the forecast period.

Read the full report : https://www.researchandmarkets.com/r/wd6ty1

If you want your report abstract to be published please contact Info@dyeschemicalmarket.com

Schott and Serum Institute of India Announce Joint Venture for Pharmaceutical Packaging

Serum Institute of India (SII) acquires 50% stake of SCHOTT Kaisha to become SCHOTT's joint venture partner and secure pharma packaging supply

Pune, India / Mainz, Germany; 17 August 2021: Germany's specialty glass company SCHOTT AG has a new partner: Serum Institute of India, the world's largest vaccine producer and manufacturer of highly-effective biologics, has bought the 50% stake in the Indian joint venture SCHOTT Kaisha from former co-owners Kairus Dadachanji and Shapoor Mistry. The joint venture is the leading Indian manufacturer of pharma packaging products such as vials, syringes, ampoules and cartridges used to package life-saving medications. With this acquisition, Serum is securing its supply of high-quality pharma packaging amid rising global demand.

Adar Poonawalla, CEO Serum Institute of India says, "Even the best medication can't reach the patient without the right packaging. Securing this supply chain is of strategic importance. SCHOTT is the perfect partner for us to do this because of their expertise and global network. As a longtime customer, we use their vials, ampoules and syringes to store our vaccines including COVISHIELD™. Working even closer together is in the best interest of global health."

SCHOTT is looking forward to the cooperation with the new partner. Dr. Frank Heinricht, CEO SCHOTT says, "As India has steadily established its position as a global pharmaceutical hub, we are delighted to strengthen our footprint within the Indian pharma supply chain. We are looking forward to strong impulses from this partnership. It is an excellent example of shifting towards new cooperation models, with greater synergies between pharma manufacturing and packaging production."

The joint venture will definitely continue to supply its customers in India and abroad as a reliable partner, says Eric L'Heureux, the new Managing Director and former longstanding Head of Operations. "We have significantly increased our production capacity in India. Over the last three years we have invested roughly INR 600 crores to set up two new plants in Umarsadi, Gujarat and Baddi, Himachal Pradesh, and to secure uninterrupted supply in our existing facilities during the pandemic." Both SCHOTT and Serum are committed to invest further and will announce concrete plans as this partnership evolves.

Fighting COVID-19 together

Working together in the joint venture opens a new chapter in the successful partnership of Serum and SCHOTT. The companies have had a strong business relationship – and both have been playing a crucial role during the pandemic. From the onset of the COVID-19 outbreak Serum rose to the challenge of developing and/or manufacturing live-saving vaccines, such as COVISHIELD and COVOVAX. To this day, the company has filled and delivered hundreds of millions of doses to India and the world.

On the packaging end, SCHOTT has already exceeded its target to deliver vials for more than 2 billion vaccine doses through 2021. The company is providing glass vials globally to key vaccine manufacturers. The fact that SCHOTT has an integrated value chain, covering also the glass tubing the packaging is made of, further helped to secure the supply chain.

Source : Chemical Market

NOVARTIS ANNOUNCES LIFT OF PARTIAL CLINICAL TRIAL HOLD AND PLANS TO INITIATE A NEW, PIVOTAL PHASE 3 STUDY OF INTRATHECAL OAV-101 IN OLDER PATIENTS WITH SMA

Basel, August 3, 2021 — Novartis today announced that the U.S. Food and Drug Administration (FDA) has determined that OAV-101 intrathecal (IT) clinical trials for spinal muscular atrophy (SMA) patients may proceed, thereby lifting the partial clinical trial hold initiated in October 2019. The decision to lift the hold was based on data from Novartis' comprehensive nonclinical toxicology study in non-human primates (NHP) that addressed all issues identified, including questions of dorsal root ganglia (DRG) injury following IT administration.

Following this decision and input from the FDA and European Medicines Agency (EMA), Novartis now plans to initiate STEER, a global pivotal Phase 3 registration-enabling study to evaluate the clinical efficacy, safety, and tolerability of OAV-101 IT in treatment naïve patients who are between two and 18 years of age, able to sit, but have never walked. While disease progression is slower in patients with later-onset SMA, there are significant unmet needs.

"We are very pleased that our comprehensive nonclinical data package has addressed all issues identified related to DRG toxicity and the FDA has reached the decision that we may proceed with our OAV-101 IT clinical trial program and initiate the STEER trial," said Shephard Mpofu, M.D., SVP, Chief Medical Officer, Novartis Gene Therapies. "We believe that all patients diagnosed with SMA should be able to benefit from the transformative impact of gene therapy and we remain confident that investigational OAV-101 IT is a viable potential treatment path for older patients who often have ongoing unmet needs, and for whom a one-time treatment could be especially compelling."

STEER will build upon the Phase 1/2 STRONG study which showed that treatment with OAV-101 IT led to significant increases in Hammersmith Functional Motor Scale-Expanded (HFMSE) scores and a clinically meaningful response in older patients between ≥2 years and <5 years old with SMA Type 2.

Additionally, STEER will add to the clinical data and emerging real-world evidence for the use of gene therapy to treat SMA. Our intravenous formulation, Zolgensma® (onasemnogene abeparvovec) is approved in 41 countries. More than 1,400 patients have been treated with Zolgensma IV globally, including in the European Union, South Korea and Canada, where regulatory approval includes dosing guidance for babies and young children up to 21kg.

"We are very pleased to see that a plan has been reached from Novartis, the FDA and EMA working together to move this IT approach forward," said Kenneth Hobby, President, Cure SMA. "This route of administration has the potential to open up access for older patients to all the benefits of gene therapy. We have seen the interest among our symptomatic patients and their families in gene therapy, and this study is an important step in understanding its potential to address unmet needs that remain in the SMA community."

Source : Novartis

PHASE 3 TRIAL OF LIBTAYO® (CEMIPLIMAB) COMBINED WITH CHEMOTHERAPY STOPPED EARLY DUE TO SIGNIFICANT IMPROVEMENT IN OVERALL SURVIVAL IN PATIENTS WITH FIRST-LINE ADVANCED NON-SMALL CELL LUNG CANCER

PARIS and TARRYTOWN, NY – August 5, 2021 - The Phase 3 trial of Sanofi and Regeneron's PD-1 inhibitor Libtayo in combination with platinum-doublet chemotherapy was stopped early after meeting its overall survival (OS) primary endpoint in patients with advanced non-small cell lung cancer (NSCLC). Adding Libtayo to chemotherapy significantly improved OS, compared to chemotherapy alone,

in the trial that enrolled patients with metastatic or locally advanced disease and tumors with either squamous or non-squamous histology and across all PD-L1 expression levels. These data are planned to form the basis of regulatory submissions in the U.S. and European Union.

"Libtayo in combination with chemotherapy increased median overall survival to 22 months in patients with advanced non-small cell lung cancer, compared to 13 months with chemotherapy alone," said Miranda Gogishvili, M.D., an oncologist at the High Technology Medical Center, University Clinic, in Tbilisi, Georgia and a trial investigator. "Notably, the Phase 3 trial enrolled patients with a variety of challenging-to-treat disease characteristics, as well as those with locally advanced disease. These data add to the growing body of evidence supporting Libtayo in advanced non-small cell lung cancer, which also include the pivotal results for Libtayo monotherapy in cases of high PD-L1 expression."

The decision to stop the trial early was based on a recommendation by the Independent Data Monitoring Committee (IDMC) during a protocol-specified interim analysis. In this top-line initial analysis of 466 patients, combining Libtayo with chemotherapy reduced the risk of death by 29% compared to chemotherapy alone (hazard ratio: 0.71; 95% confidence interval CI: 0.53-0.93; p=0.014). Median OS was 22 months (95% CI: 16 months to not evaluable) for Libtayo and chemotherapy, and 13 months (95% CI: 12 to 16 months) for chemotherapy alone. No new Libtayo safety signals were identified in the IDMC analysis, and additional detailed efficacy and safety data will be presented at an upcoming medical meeting.

Lung cancer is the leading cause of cancer death worldwide. In 2020, an estimated 2.2 million and 225,000 new cases were diagnosed globally and in the U.S., respectively. Approximately 84% of all lung cancers are NSCLC, with 75% of these cases diagnosed in advanced stages. While PD-1 inhibitor monotherapy has primarily advanced the treatment of NSCLC with ≥50% PD-L1 expression, approximately 70% of all NSCLC cases will have <50% PD-L1 expression, making it the most common treatment setting.

The use of Libtayo in combination with chemotherapy for advanced NSCLC is currently under clinical investigation, and its safety and efficacy have not been fully evaluated by any regulatory authority.

Source : Sanofi

BAYER STRENGTHENS DRUG DISCOVERY PLATFORM THROUGH ACQUISITION OF VIVIDION THERAPEUTICS

Acquisition strengthens Bayer's drug discovery capabilities with cutting-edge chemoproteomics platform / Vividion's unique approach identifies previously unknown binding pockets in undruggable targets to generate first-in-class novel compounds in indications of high unmet medical need / Vividion's technology has already proven its applicability pre-clinically in oncology and immune-related diseases, with potential to expand into additional therapeutic areas / Vividion to operate autonomously and on an arm's length basis / Purchase price of USD 1.5 billion upfront and up to USD 500 million in success-based milestone payments

Berlin, Germany, August 5, 2021 – Bayer AG today announced the acquisition of Vividion Therapeutics, Inc. (Vividion), a US-headquartered biopharmaceutical company utilizing novel discovery technologies to unlock high value, traditionally undruggable targets with precision therapeutics. Vividion's platform is able to produce a variety of small molecule therapies across indications, with initial focus on targets relevant to oncology and immunology. Vividion's lead programs include multiple precision oncology targets and precision immunology targets, with ongoing efforts on a transcription factor NRF2 antagonist for the potential treatment of NRF2 mutant cancers, as well as NRF2 activators for various inflammatory diseases such as irritable bowel disease – among other pre-clinical programs.

Following closing of the acquisition, Bayer will own full rights to Vividion's proprietary discovery platform, which comprises three integrated, synergistic components: a novel chemoproteomic screening technology, an integrated data portal, and a proprietary chemistry library. The acquisition of Vividion strengthens Bayer's small molecule capabilities and expands Bayer's reach into new modalities. Under the terms of the agreement, Bayer will pay an upfront consideration of USD 1.5 billion and potential success-based milestone payments of up to USD 500 million.

"This acquisition is a cornerstone of our strategy to fuel our pipeline with breakthrough innovation," said Stefan Oelrich, Member of the Board of Management, Bayer AG and President of the Bayer's Pharmaceuticals Division. "Vi-

vidion's technology is the most advanced in the industry, and it has demonstrated its ability to identify drug candidates that can target challenging proteins. Together with Bayer's existing know-how, we will be able to develop first-in-class drug candidates, increasing the value of our pipeline. We want to provide innovative therapies for patients whose medical needs are not yet met by today's treatment options."

Identification of drug candidates for proteins that are considered undruggable is a great challenge in drug discovery. Vividion's chemoproteomic screening platform is able to identify previously unknown binding pockets on well-validated protein targets by screening chemical probes against the entire human proteome to assess selectivity. This yields highly potent and selective compounds that provide a wide therapeutic window for a variety of areas of high-unmet medical need. Vividion's technology has already proven its applicability pre-clinically in oncology and immune-related diseases, and has the potential to expand into additional indications.

"Despite advances in genomics, structural biology and high-throughput screening, about 90% of disease-causing proteins cannot be targeted by current therapies due to the lack of a known addressable binding site. Our proprietary chemoproteomic platform technology addresses the key limitations of conventional screening techniques and allows us to discover previously unknown, or cryptic, functional pockets on the surface of proteins and identify small molecules that selectively bind to those targets," said Jeff Hatfield, Chief Executive Officer at Vividion. "When combined with Bayer's expertise in the development of small molecules to market and patient, an unparalleled position comes into existence to unlock undruggable targets and generate first-in-class novel compounds for the benefit of patients."

To preserve its entrepreneurial culture as an essential pillar for nurturing successful innovation, Vividion will continue to operate as an independent organization on an arm's length basis. Vividion will remain accountable to advance its technology and portfolio while benefiting from the experience, infrastructure and reach of Bayer as a global pharmaceutical company.

Closing of the transaction is contingent on customary closing conditions, including receipt of the required regulatory approvals, and is expected to take place in Q3 2021.

Credit Suisse is serving as financial advisor to Bayer, while Baker McKenzie is serving as legal counsel. Centerview Partners is serving as financial advisor to Vividion, while Cooley LLP is serving as legal counsel

Source : Bayer

CHEMICAL TECHNOLOGY

NEW INK DEFOAMERS: BROADER CHOICE THAN EVER BEFORE

- Can be used for many applications, including food packaging
- High defoaming power, high compatibility

Essen, Germany. It is impossible to find a single additive – such as a defoamer - that works in all applications. There can be, however, an additive that is the best for a specific application. Evonik's Coating Additives business line now has three siloxane-based defoamer concentrates in its portfolio, each with different properties and advantages. Formulators have the choice of which additive best suits their waterborne paint or overprint varnish.

The newest member of this defoamer family is called TEGO® Foamex 811; it is positioned directly between the two existing products TEGO® Foamex 812 and 852. TEGO® Foamex 812 is particularly effective in preventing foam, Foamex 852 is particularly compatible, and the new TEGO® Foamex 811 offers a very good combination of these properties.

"Defoaming power and compatibility are both at a high level," explains Susanne Struck, head of Printing Inks Application Technology. "This makes our new defoamer suitable for a very wide range of applications in the printing inks industry."

TEGO® Foamex 811 also demonstrates its universal application possibilities when incorporated into the formulation: It performs equally as well in the grinding stage as well as the let-down phase. Thanks to the different product properties of the three defoamers, formulators can select the best possible product from the portfolio depending on their requirements.

All three defoamers can be used for food contact packaging. They contain no solvents, biocides or mineral oils and meet the requirements of the many regulations, such as Swiss Ordinance (List A), FDA, and other regional regulations.

While food contact and non-food contact packaging are the main applications, the defoamer trio is also suitable for other applications such as inkjet inks, tissue, and décor and wallpaper inks.

Technical, regulatory and safety data sheets can be found at www.coatino.com.

Source : Evonik

FIRST FLOATING LNG PROJECT FOR BASF'S GAS TREATMENT TECHNOLOGY

- PETRONAS selected OASE purple technology for FLNG project
- Performance Test Run in May 2021 successfully completed
- Highly efficient gas treatment with low energy demand

The latest Floating Liquefied Natural Gas (FLNG) project of the Malaysian oil and gas company PETRONAS (PFLNG DUA) has selected BASF's OASE® purple for its Acid Gas Removal Unit process. This is the first FLNG reference worldwide for BASF's OASE Gas Treatment technology. Together with PETRONAS and the Japanese engineering partner JGC Corporation, PFLNG DUA has been successfully started up in February 2021 and completed its Performance Test Run in May 2021. The floating LNG facility opens a new source of supply for cleaner energy as it is designed to extract natural gas from deepwater gas reservoirs in depths up to 1,500 meters.

OASE purple is an amine-based solution that is utilized for the removal of acid gases such as carbon dioxide (CO2) and hydrogen sulfide (H2S) from natural gas. The removal of acid gases is necessary to prepare the gas for the liquefaction and subsequent pipeline transportation. The highly efficient and environmentally friendly BASF-technology provides flexibility and low capital expenditure (CAPEX) for its customers. Additionally, the low energy demand of the process combined with the non-corrosive nature of the solvent keeps operating and maintenance costs (OPEX) low. The process also provides a high level of gas purity and product gas recovery while keeping solvent losses to a minimum.

Andreas Northemann, Head of BASF's Gas Treatment business, says: "We are proud to now have our first FLNG reference in operation and running at 100 percent capacity, which is the fruit of many years of research. We applied our on-shore LNG expertise and conducted motion studies and Computational Fluid Dynamics (CFD) to ensure a high reliability, low maintenance design which meets our customer's stringent off-shore specifications and challenges."

With PFLNG DUA, PETRONAS owns and operates two floating LNG facilities, following the success of PFLNG SATU which has been in operation since 2017. Construction of PETRONAS' latest – second – floating LNG facility started in 2015 and will be moored over the Rotan Gas Field at a water depth of 1,300 meters, located 140 kilometers offshore Kota Kinabalu, Sabah, Malaysia in the South China Sea with the capacity to produce 1.5 million tons of LNG annually.

Source : BASF

EXXONMOBIL INTRODUCES EMRDTM , A RENEWABLE DIESEL PROCESS TECHNOLOGY TO ENABLE HIGH YIELDS FROM BIO-FEEDSTOCKS

Houston (September 1, 2021) – Exxo Mobil Catalysts and Licensing LLC ("ExxonMobil") has introduced Exxo Mobil Renewable Diesel process technology ("EMRD") to help meet the evolving needs for mobility, while utili ing renewable feedstock. This new pr cess technology converts feedstocks including, but not limited to, vegetable oils, unconverted cooking oil and an mal fats, into renewable diesel.

- Meets advanced cold-flow specifications, while enabling high yields through use of the BIDW™ dewaxing catalyst technology
- Offers superior performance through a two-stage process versus a onestage process

The EMRD process is a two-stage process in which hydrotreating and dewaxing are controlled separately. Compared to a single-stage process, this approach provides higher diesel yields and superior control. Additionally, the EMRD process provides the potential to produce jet fuel as a secondary product with added fractionation.

The EMRD process is an integrated solution that leverages ExxonMobil's BioIsomerization Dewaxing (BIDW™) catalyst. This provides refiners and biofuel producers with powerful dewaxing in both winter and summer modes. Improved yields were demonstrated during testing of BIDW catalyst versus other internally formulated zeolite-based alternatives.

"Choosing the right process technology is critical to producing both renewable diesel and jet fuel from bio-feedstocks. The EMRD process provides an advanced solution that enables high yields while meeting stringent seasonal product specifications," said James Ritchie, president of ExxonMobil Catalysts and Licensing LLC.

Due to significant interest in producing renewable jet fuel as a primary product, ExxonMobil is also developing advanced catalyst and process technology solutions that will offer EMRD process licensees flexibility to tailor the amount of jet fuel versus diesel produced.

Source : ExxonMobil

NEW PRODUCTS

BRASKEM LAUNCHES NEW POLYETHYLENE RESIN IN THE RIGID PACKAGING SEGMENT

Braskem makes available to the market a new product option that integrates the Rigeo family portfolio: the HD1954M , high density polyethylene (HDPE) that provides a combination of high rigidity, excellent impact resistance and Environmental Stress Cracking (ESCR), providing optimization to packaging and productivity gains.

"This launch meets the demands of the chemical and agrochemical market, which traditionally are very demanding in relation to quality. In this market, properties such as rigidity, impact resistance and Environmental Stress Cracking , are key characteristics that bring greater safety to the products of the segment", explains Leandro Fiorin, Application Engineering Leader at Braskem.

With the HD1954M grade, Braskem expands the portfolio of the Braskem Rigeo family, launched in 2017, and until then composed of grades, 4950HSM and HD1053M, all of which are recyclable.

While the Rigeo 4950HSM grade has adequate fluidity for the production of small volume packages, the Rigeo HD1954M can be used for the production of packages up to 20L. The Rigeo HD1053M is a great option for packaging volumes up to 60 liters.

"Meeting the requirements of the industry is essential, but it is not unique. Together with our customers, we seek to develop technically robust products that are aligned with the principles of the Circular Economy", reinforces Fiorin. "In this way, the Rigeo HD1954M is another solution that aims to meet the market's needs, resulting in lighter and more sustainable packaging, without harming its properties".

Source : Braskem

SABIC FIRST IN INDUSTRY TO LAUNCH CIRCULAR POLYCARBONATE PRODUCED FROM POST- CONSUMER MIXED PLASTIC, BASED ON ADVANCED RECYCLING

- SABIC launches certified circular polycarbonate - a first in the industry based on advanced recycling
- Another huge milestone in SABIC's sustainability journey in the industry, based on its TRUCIRCLE™ circular model - upcycling post-consumer mixed plastic
- Post-consumer mixed plastic is used as feedstock to produce polycarbonate based on the mass balance concept
- Up to 23% potential reduction of greenhouse gas (GHG) footprint compared to incumbent polycarbonate*

SABIC, a global leader in the chemical industry, today announced the launch of its certified circular polycarbonate (PC) resin and blends made from the upcycling of post-consumer mixed plastic - a first in the industry. This solution, based on advanced recycling, demonstrates SABIC's ongoing commitment to drive towards a circular economy for plastics, by increasing the availability of more sustainable products.

According to an internal SABIC LCA study*, the certified circular polycarbonate offers a potential carbon footprint reduction up to 23% in comparison to its incumbent.

"In another significant contribution towards the development of a circular economy for plastics, we are proud to have developed a new solution that can help our customers to meet their sustainability targets and generate value by increasing the amount of recy-

cled post-consumer mixed plastic they process," said Abdullah S. Al-Otaibi, ETP & Market Solution General Manager at SABIC. SABIC is continuously broadening its sustainability offerings, and in ETP (engineering thermoplastics) specifically, new solutions in our polycarbonate portfolio to help support our customers' increasing needs for circular content and CO2 footprint reduction," added Al-Otaibi.

Part of SABIC'S TRUCIRCLE™ portfolio of circular solutions, the certified circular polycarbonate is produced through the advanced recycling of post-consumer mixed plastic that could otherwise be destined for incineration or landfill. Through a process called pyrolysis, difficult-to-recycle used plastic is broken down into a liquid called pyrolysis oil. This is then used as a feedstock to create certified circular building blocks for high-performance plastics with the same properties as the virgin material – in this case, polycarbonate.

Polycarbonate – more specifically LEXAN™ resin – forms part of SABIC's extensive ETP portfolio including PC blends such as CYCOLOY™ and XENOY™ resins. Customers across industries – such as E&E, Automotive, Healthcare, B&C and Consumer Goods - may use the certified circular polycarbonate under identical process conditions to those used for its incumbent.

The polycarbonate is certified by an independent third party under the International Sustainability and Carbon Certification (ISCC PLUS) scheme using a standardized mass balance approach, which provides a method of asserting the recycled material content along predefined and transparent rules. In addition, the widely recognized ISCC PLUS accreditation provides traceability along SABIC's physical-linked supply chain, from the feedstock to the final product, requiring a chain of custody based on the mass balance system.

Launched in 2019, SABIC's TRUCIRCLE portfolio is a considerable milestone on the journey towards closing the loop and creating a circular economy for plastics and intends to provide manufacturers with access to more sustainable materials. The TRUCIRCLE portfolio spans design for recyclability, mechanically recycled products, certified circular products from feedstock recycling of used plastics, certified renewables products from bio-based feedstock and closed loop initiatives to recycle plastic back into high quality applications and helps prevent valuable used plastics from becoming waste.

Source : Sabic

NEW INK DEFOAMERS: MORE CHOICE THAN EVER BEFORE

- Broad application window
- Can be used for many applications, including food packaging
- High defoaming power, high compatibility

Essen, Germany. It is impossible to find a single additive – such as a defoamer - that works in all applications. There can be, however, an additive that is the best for a specific application. Evonik's Coating Additives business line now has three siloxane-based defoamer concentrates in its portfolio, each with different properties and advantages. Formulators have the choice of which additive best suits their waterborne paint or overprint varnish.

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"Defoaming power and compatibility are both at a high level," explains Susanne Struck, Head of Application Technology Printing Inks. "This makes our new defoamer suitable for many different areas of application in the printing ink industry."

TEGO® Foamex 811 also demonstrates its universal application possibilities when it is incorporated into the formulation: It can be used equally well in the regrind as well as in the letdown. Thanks to the different product properties of the three defoamers, formulators can select the best possible product from the portfolio depending on the requirements.

All three defoamers can be used for packaging that comes into contact with food. They contain no solvents, biocides or mineral oil and meet the requirements of the most important regulations, such as Swiss Ordinance (List A), the FDA and other regional regulations.

While packaging with and without food contact is the most important area of application, the defoamer trio is also suitable for other applications such as inkjet, tissue, decor and wallpaper printing inks.

Source : Evonik

BRASKEM AND 3DCIAR SIGN PARTNERSHIP FOR THE DISTRIBUTION OF FILAMENTS FOR 3D PRINTING

Aiming to strengthen the additive manufacturing chain in Brazil, Braskem and 3DCIAR start a partnership for the distribution of Braskem's innovative solutions in the 3D printing ecosystem for the industrial segment. The company's focus is to consolidate a link with the startup by offering specific polypropylene (PP) filaments for the 3D printing process.

Features such as recyclability, lightness and versatility of polypropylene products are attractive to additive manufacturing and, for this reason, this raw material is so well accepted in this industry. The expectation is that, with the support of 3DCIAR, a startup accelerated by Braskem Labs in 2020, the petrochemicals will establish itself as a reference in the sector characterized by the customization of solutions and continue its innovation strategy, one of the dimensions of the commitments announced by the company in May this year.

"The first products that will be available for purchase will be PP filaments for 3D printing. In addition to supplying the products, our objective is also to contribute directly to the development of the additive manufacturing industry, and for this purpose 3DCIAR is created, which does a work of highlight by implementing 3D printing in industries of various segments through 3DaaS - 3D as a Service -, a solution that enables the installation of 3D printers, supply of raw materials and consultancy to identify opportunities, technical support and development of applications in which Additive manufacturing adds value," says Braskem's Innovation and Technology Manager for Additive Manufacturing, Fabio Lamon.

Braskem's PP filaments, available in diameters of 1.75 and 2.85 mm, contribute to the development of an increasingly sustainable industry, which constantly demands new technologies. They are ideal for additive manufacturing due to features such as recyclability, impact resistance, chemical resistance, dimensional stability, living hinge, moisture absorption resistance, and intrinsic density significantly lower than most plastics, which contribute to weight reduction of the final product.

The partnership between Braskem and 3DCIAR aims to bring increasingly robust solutions to different segments of the industry, combining Braskem's capacity in product development with 3DCIAR's expertise.

"The partnership comes at an important moment, where additive manufacturing is taking an increasingly permanent place in industries, especially in the manufacture of production assistance and internal maintenance devices. Through collaboration with Braskem and our participation in Braskem Labs, we can improve a business model that leverages the sum of our business pillars: the best portfolio of 3D printers, high-performance inputs and our unique expertise in additive manufacturing.The possibility of working with one of the largest chemical industries in the world in a new frontier is extremely exciting for us," explains Daniel Huamani, technology director at 3DCIAR.

3D printing is becoming more and more relevant for Braskem, as a raw material manufacturer, due to the perspective of market growth. It is a disruptive technology with a strong transformational innovation appeal, driving the development of new solutions. In addition, the context of industry 4.0 and sustainability are also very relevant, as it is a totally decentralized production process that minimizes material losses and disposal, in addition to impacting logistical processes.

The company's first initiatives in this area began in 2013, in the project "Imprinting the Future", a partnership with Made In Space, NASA supplier, to develop a 3D printer for operation in zero gravity. The equipment produced and sent to the International Space Station in 2016 uses Braskem bio-based I'm greenTM polyethylene, produced from sugarcane, and in 2019 won the support of a recycler in which the team of astronauts will be able to transform plastic waste into raw materials for the production of new items.

Source : Braskem

SK GLOBAL CHEMICAL SIGNS MOU WITH PURECYCLE TECHNOLOGIES TO RECYCLE PP WASTE

- SK Global Chemical joins a partnership to establish a joint venture (JV) with PureCycle Technologies for recycling PP waste

– To partner in building a plant that has the technology that can extract pure PP from synthetic plastics by injecting solvent

- **The construction of the JV plant will follow execution of the JV Agreement, and is expected to start at the end of 2022 to treat 50,000 tons of PP per year, ready for commercial operation from 2025**

- **Following execution of this JV with PureCycle, SK Global Chemical will have access to recycle plastic waste with three major chemical recycling technologies: solvent extraction, pyrolysis, and depolymerization**

- **CEO of SK Global Chemical Na Kyung-soo says the company will create a virtuous cycle of plastic to break new ground as a green chemical company**

On August 12th, SK Global Chemical announced that it has signed an MOU with PureCycle Technologies, Inc., a U.S. waste plastic recycling company, to establish a joint venture (JV).

PureCycle Technologies (PureCycle) is a leading company in recycling polypropylene (PP), a type of plastic widely used for containers and car interiors. Until now, it was challenging to recycle PP as it is made of different materials and additives. PureCycle solved this problem with a solvent extraction technology, injecting solvent into the plastic waste to dissolve and only extract the PP. This enables the recycling of contaminated food containers, colored plastics, and car interior materials like dashboards made of composite materials.

SK Global Chemical plans to establish a JV with PureCycle and start the JV plant's construction in South Korea at the end of 2022, and be ready for commercial operation by 2025. According to this plan, the JV plant will process about 50,000 tons of PP plastic waste annually to obtain PP, which was previously only produced through chemical processes, from the waste. In addition, SK Global Chemical plans for the JV to expand the processing capability of the plant.

The high-purity PP extracted through this process will be re-used for manufacturing various PP products. This creates a virtuous cycle of plastic by utilizing plastic waste for plastic manufacturing and prevents further environmental pollution.

SK Global Chemical has its own technological competitiveness, particularly in producing high-value-added materials such as high-stiffness PP, which is widely used as lightweight car interior material. Accordingly, the company expects that recycled PP obtained through this partnership with PureCycle will be used to manufacture automobile parts later. SK Global Chemical believes making products with eco-friendly materials will secure higher competitiveness in the future as it will comply with the growingly strict environmental regulations.

In addition to ▪ pyrolysis technology that obtains raw materials such as naphtha by applying heat to waste vinyl, and ▪ depolymerization technology that chemically decomposes and recycles contaminated waste PET plastic and polyester fiber, this partnership with PureCycle will bring the last piece of the puzzle for SK Global Chemical to complete its "three major advanced recycling technologies".

Advanced recycling significantly improves environmental problems by recycling plastic waste that had previously been merely incinerated or landfilled. These technologies overcome the limitations of physical recycling, which cannot recycle plastic waste if it is mixed with contaminated or colored plastic because it is only a method of crushing plastic waste.

SK Global Chemical announced its future vision, the company declared that it would use these technology to recycle plastic waste that exceeds the total amount of plastic it produces in a year. One of the company's actions to reach this target is to invest about KRW 600 billion by 2025 to build a pyrolysis and depolymerization plant on a site of approximately 160,000 square meters in Ulsan Mipo National Industrial Complex. Once completed, this will be biggest plastic waste recycling project in South Korea.

Mike Otworth, CEO of PureCycle, said, "Partnering with the leading recycling waste company in South Korea is a major milestone for PureCycle. We are bringing together a premier team of experts to achieve our goal of recycling one billion pounds of polypropylene waste by 2025. The sad reality is that 91% of plastic waste is not recycled. That is exactly why our work with SK Global Chemical will be incredibly important to reducing plastic waste and helping society view plastic as an infinitely sustainable material."

CEO of SK Global Chemical Na Kyung-soo said, "The partnership with PureCycle shows our deep commitment to creating a circular economy for plastics and shows that we

can collaborate globally to solve plastic waste problem. We are focused on leading circular systems for plastics with top-notch technology, and that is why PureCycle is the perfect partner for us to continue this focus and amplify our goals." "We will create a virtuous cycle of plastic to break new ground as a green chemical company," he added.

Source : SK Global Chemical

INTERNATIONAL NEWS

FORWARD AM OPENS NEW ADDITIVE MANUFACTURING TECHNICAL CENTER IN SHANGHAI IN COOPERATION WITH XUBERANCE

- Additive Manufacturing Technical Center in Shanghai as technical hub to boost innovation for and with Asia-Pacific customers
- Cooperation with Xuberance enables application development and services in 3D printing for customers in Asia-Pacific region
- BASF Venture Capital invests in Xuberance to support growth and cooperation with Forward AM

Shanghai, China – August 13, 2021 – Forward AM opened a new Additive Manufacturing Technical Center (AMTC) in Shanghai, China in cooperation with Xuberance, a Chinese 3D printing design and service company. The new facility will serve as the hub of expertise for solutions and materials for the additive manufacturing (AM) market in China and the rest of Asia.

With this joint initiative, both companies are combining their strengths to offer local customers fully integrated 3D printing solutions: Forward AM contributes with a wide range of high-performance 3D printing materials and deep engineering expertise, while Xuberance brings in its know-how in 3D printing services and design solutions. Through the Additive Manufacturing Technology Center (AMTC), new value-adding technical services is available to customers, enabling joint innovation with customers across the Asia-Pacific region. Emphasizing the joint commitment to major global equipment manufacturers, Forward AM installed more than 20 3D printers and make major 3D printing technologies such as Selective Laser Sintering, Photopolymer 3D Printing and Fused Filament Fabrication available at the AMTC. The Center is located in Shanghai Lingang Songjiang Science Park, a hub for numerous companies in the Additive Manufacturing industry to leverage synergies with local partners and customers.

The cooperation between Forward AM and Xuberance is complemented by an investment of BASF Venture Capital in Xuberance. This venture investment is strengthening BASF's strategy in Additive Manufacturing and will enable Xuberance to further accelerate its growth in the Asia-Pacific region.

"The establishment of the new AMTC in Shanghai marks an important step for us, as we are now able to offer customers in Asia-Pacific a perfectly integrated service – from consultancy, through our high-performance materials, to direct component printing and great design services for successful 3D printing. We are confident the AMTC will become a key hub for Additive Manufacturing in this region, strengthening our capability to co-innovate with our customers", says François Minec, Managing Director BASF 3D Printing Solutions.

"For us, Forward AM's cutting-edge materials and comprehensive industrial expertise, especially in simulation and surface finishing, ideally complement our expertise in services and design offerings. We are proud to jointly develop integrated and innovative solutions for Additive Manufacturing, tailored to customer needs in Asia-Pacific", adds Leirah Wang, Managing Director Xuberance.

Source : BASF

FULL-SCALE COMMERCIAL PRODUCTION OF TOYOLAC® ABS RESIN AT THE NEW FACILITIES

SET UP AT TORAY PLASTICS (MALAYSIA) SDN. BERHAD IN PENANG, MALAYSIA

Tokyo, Japan, August 17, 2021 – Toray Industries, Inc., announced today that it has boosted Toray Group worldwide production and distribution capacities of its renown TOYOLAC® Acrylonitrile Butadiene Styrene (ABS) resin transparent grade, through its latest facilities set up at Prai Industrial Park, Penang, Malaysia.

The modern plant set up at its new facilities at Prai has boosted Toray Plastics (Malaysia) Sdn. Berhad, TPM's ABS resin production and distribution capacities by 75,000 metric tons, to 425,000 metric tons annually. Taking into accounts the ABS production output at the Chiba Plant in Japan, Toray Group is now capable of churning out some 497,000 metric tons of ABS to the worldwide markets annually

The diverse TOYOLAC® range produced by Toray includes transparent grades ABS, offerings improved anti-static, scratch and chemical resistance properties. To boost sales in its key Chinese and Southeast Asian markets and in anticipation of the rising demands from Europe, the United States of America and India, Toray look forward to increasing its worldwide production further, including the facilities at TPM.

Toray has made expanding globally in growth areas a central strategy under Project AP-G2022, its medium-term management program. The company accordingly aims to capture rising demand for transparent ABS resin and enhance supply stability by reinforcing collaboration between the Chiba Plant and Toray Plastics (Malaysia) TPM.

Source : Toray

EVONIK OPENS NEW LAB IN ISTANBUL TO INCREASE OFFERINGS OF ORAL DRUG DELIVERY SOLUTIONS

- Expansion of Evonik's Health Care business in Turkey, Middle East & Africa
- Focus on oral drug delivery solutions with EUDRAGIT® functional polymers
- Laboratory to support product development, scale up and production

Istanbul, Turkey. Evonik opens a new lab in Istanbul to provide oral drug delivery solutions in Turkey, the Middle East and Africa. The new lab will support pharmaceutical companies with product development, scale up and production, and offer personalized training sessions. The lab strengthens the growth of Evonik's Health Care business in the Middle East & Africa (MEA) region.

As part of the Technical Competence Centre at Evonik's site in Istanbul, the new lab will form part of a continuous expansion of the facility. The development will enable Evonik's Health Care business to deliver solutions to customers in Turkey and throughout the Middle East, making use of local technical teams.

"Having experts on the ground to support our customers based in Turkey and the Middle East will mean that we can provide swift support in local languages, while more easily navigating complex customs requirements. The location of the lab will increase product development projects with our customers and drive market penetration in the region," says Tuğçe Yenigun, business manager at Evonik Health Care in Turkey.

One focus of the lab is Evonik's EUDRAGIT®, the industry's preferred portfolio of functional polymers for use with oral drug products that have an immediate, delayed or sustained release profile. The breadth, versatility and history of EUDRAGIT®, combined with Evonik's range of drug delivery technologies, formulation and cGMP manufacturing services, provide pharmaceutical companies with unrivalled safety and functional reliability for their oral solid dosage forms.

Another solution offered at the new lab is EUDRAGUARD®, the broad toolkit of polymers which has been developed for site-specific delivery of nutraceuticals to improve bioavailability and uptake in the human body.

Evonik's new lab is based in Tuzla in the east of Istanbul. It was founded in 1987, and today is a Business and Technical Competence Center for Turkey as well as for defined export markets further afield such as Azerbaijan, Pakistan, and Israel.

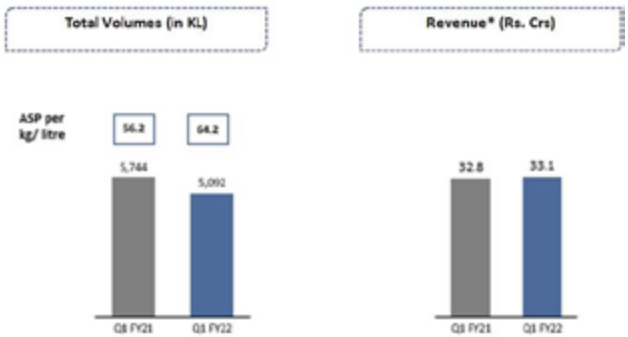
Evonik Health Care, which is part of the Nutrition & Care division of Evonik, is one of the world's leading CDMOs (Contract Development and Manufacturing Organization) for complex oral and parenteral drug products that require advanced drug delivery solutions. It is also a supplier and CDMO for active pharmaceutical ingredients (APIs), amino acids, cell culture ingredients, and medical device excipients.

Source : Evonik

Kamdhenu Limited has Announced the Q1FY22 Result

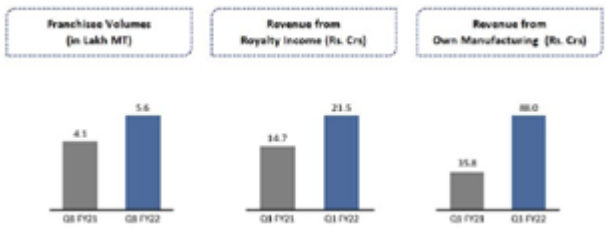
Kamdhenu Limited, India's largest manufacturer and seller of branded TMT Bars, in the retail segment, has declared its Unaudited Financial Results for the Quarter ended 30th June 2021.

Paint Business - Key Highlights for Q1 FY22



- Q1 FY22 was impacted by 2nd wave of Covid-19 which led to localized and micro lockdowns. However, with unlocking of economy , we have started seeing some pick up in demand in June 2021
- Paint Business contributed 23% of Revenues in Q1 FY22
- Focus on increasing share of water based paint products and launching new variants in the market
- Utmost importance to advertising and promotions and have lately collaborated with Preity G Zinta as the Brand Ambassador for decorative paints business under brand name Kamdhenu Paints

Update on Scheme of Arrangement



- The draft scheme of arrangement including the demerger of paints business in a separate company had been filed with the Hon'ble National Company Law Tribunal, Chandigarh Bench, for its approval on 15th March, 2021 whereas NSE and BSE had already issued its observation letter on the scheme of arrangement on 28th September, 2020.
- NCLT has approved the First Motion application of the Scheme of Arrangement including the demerger of Paint Business of the Company into a separate listed entity on 4th August, 2021
- NCLT has also directed the Company for convening the meetings of equity shareholders, secured creditors and unsecured creditors on 25th September, 2021 of M/s Kamdhenu Limited through video conferencing, in accordance with applicable guidelines/ circulars of Ministry of Corporate Affairs

Steel Business - Key Highlights for Q1 FY22

Q1 FY21 performance was impacted by lockdowns induced due to 1stwave of Covid-19, however Q1 FY22 performance was also impacted on account of restrictions imposed and disruption in operations caused due to 2ndwave

- Steel Business contributed 77% of Revenues in Q1 FY22
- Franchise units and own manufacturing plant were impacted by restrictions imposed by the Government and localized lockdowns on back of second wave of Covid-19

Commenting on the results and performance, **Mr. Satish Kumar Agarwal, Chairman & Managing Director said:**

"Q1 FY22 has been a challenging year with the second wave of Covid-19 impacting demand on account of localized and micro lockdowns rather than nation wide lockdown like last year. Production was impacted on account of partial operations, however with easing of restrictions, operations back to normal levels. With drop in Covid cases and a faster large scale rollout of vaccination drive across the country, we have witnessed a gradual pickup in demand from early June.

VIEWS AND STATEMENTS

"We will continue to combine tradition and innovation: SANITIZED is a fourth-generation Swiss family company, and we will continue to expand our leadership position in the world with our safe and innovative products and services for the textile, polymer, and paint industries."

-The new SANITIZED CEO Michael Lüthi.

"JeNaCell has developed one of the most innovative biomaterials for medical device technologies. With the help of the creativity and expertise of JeNaCell's specialists, we will ensure that even more patients benefit from these products in the future, The acquisition will help us to further strengthen our position as an innovation hub for the world's leading medical technology companies."

- Thomas Riermeier, head of Evonik's Health Care business line.

"BASF has consistently demonstrated dedication and leadership in providing MIM feedstock for reliable, high volume metal parts production globally. Innovation and customer focus have always been mission-critical for us and is well embedded in our DNA. The new investment strengthens our capability to turn product ideas of our customers into customized "ready-to-use" MIM feedstocks for large scale production at metal injection molders."

- Timo Schollmeier, Director Global Business Management Metal Systems BASF SE.

"I am honored to recognize 3M, AbbVie, AstraZeneca, Bristol Myers Squibb, Merck, Novartis and Pfizer," Their risk-taking and commitment to excellence have led to breakthrough solutions at the interface of chemistry and medicine, demonstrating the far-reaching benefits of this kind of innovative work. These Heroes exemplify the ACS vision of improving all people's lives through the transforming power of chemistry.".

- ACS President H. N. Cheng, Ph.D.

"Galaxy Hearth's 'one-stop solution ' value proposition promises to introduce innovative ingredients for the home care industry's modern era. The portfolio has sustainable solutions for applications such as laundry, dish-wash, hard surface care, and Institutional and Industrial Cleaning. "In an era of the well-informed and environment-conscious consumer world, radical shifts in the ingredient landscape are the need of the hour. Galaxy Hearth is conceptualized to set a benchmark in innovation within the homecare segment."

- Galaxy Surfactants Executive Director and COO, K. K. Natarajan

VIEWS AND STATEMENTS

"BASF focuses on the trends of next generation of headlamps and offers various Ultradur solutions for lamp bezel with extensive experience and in-depth expertise in automotive lighting systems. With the growing demand for branding on lamp bezel surfaces, we are helping our customers - tier suppliers of systems and parts – to develop tailored solutions for end-users,"

-Desmond Long, Vice President, Business Management Transportation, Performance Materials Asia Pacific.

"The establishment of the new AMTC in Shanghai marks an important step for us, as we are now able to offer customers in Asia-Pacific a perfectly integrated service – from consultancy, through our high-performance materials, to direct component printing and great design services for successful 3D printing. We are confident the AMTC will become a key hub for Additive Manufacturing in this region, strengthening our capability to co-innovate with our customers."

-Ançois Minec, Managing Director BASF 3D Printing Solutions."

"Advancements in ADAS are accelerating rapidly as the automotive industry develops new vehicle technologies aimed at alleviating traffic congestion and improving safety in expanding urban areas, SABIC is aggressively developing new materials to help ADAS designers achieve goals related to size and weight reduction, signal transmission accuracy and reliability improvements, and seamless integration with the vehicle. We work closely with companies at all levels of the ADAS value chain to understand fast-changing and demanding requirements and deliver tailored, high-performance material solutions that address them."

- Joshua Chiaw, Director, Business Management, LNP & NORYL, Specialties, SABIC

"It is a meaningful event to Right Route because this is the first time we officially introduce our eco-friendly high-functional materials that are made from recycled battery separators. Through this opportunity, we will try our best to promote Right Route's products more widely, and continue our research and development for high value-added recycled materials."

- Shin Min-Jeong CEO of Right Route

Our capacity utilisation at both plants has been increasing gradually. Despite of these external factors, we have reported revenues of Rs. 145.9 crores, EBITDA of Rs. 11.6 crores and PAT of Rs.5.6 crores for overall business for Q1 FY22.

For our paints segment, we have reported revenues of Rs.33.1 crores. for Q1 FY22. Post, the challenges in April and May 2021, we have started seeing normalcy from June 2021. We have witnessed certain delay in the restoration of the remaining building/ plant & machinery due to the second wave of Covid-19. It is almost nearing completion and expected to start soon. Our focus is on expanding our pan-India visibility through aggressive spends on advertising and promotions. Paint companies have witnessed pressure due to input cost inflation, however, raw material prices are expected to soften in the coming quarters. Though paint industry has faced challenges in short to medium term, however we believe factors like reducing repainting cycle and lower per capita consumption will drive growth for the decorative paints going ahead.

In our steel segment we have clocked revenues of Rs. 112.72 crs for Q1 FY22. YoY growth of 123% over a low base last year. Total brand sales turnover stood at Rs.3,485 crores for Q1 FY22. Our Company has achieved royalty income of Rs. 21.5 crores in Q1 FY22. This is on the back of unique asset light model and our well-established brand in the market which is popular among the masses. Steel demand in India is expected to pick up in coming few months as consumption remains strong despite hit by the second wave of Covid-19. Starting June 2021, with unlocking of activities, we have started seeing economic activities back to normal levels. With affording housing projects, government push towards infrastructure spends and speeding up of real estate projects will drive the demand for steel products.

With huge availability of vaccines and strong improvement in the pace of vaccination, we are witnessing the growth momentum returning back to previous levels. Monsoon continues to remain favourable from agrarian economy perspective. Longer Diwali period should enable better sales for quarters ahead.

The business environment is still uncertain due to the predicted third wave of the pandemic, however we are well equipped to overcome the near term challenges. With our strong brand, marketing and distribution network and wide range of products in decorative paints, we are well placed to capture any opportunities in future. We are continuously looking to penetrate in markets where our presence is less and strengthen our footprints in existing geographies. Going ahead, we expect on expanding our business with more franchisee and dealers."

Source : Chemical Market

Significant Increase in Sales and Earnings Lanxess Raises Guidance for Fiscal 2021 Again

- Guidance for full-year EBITDA pre exceptionals raised: now between EUR 1 billion and EUR 1.05 billion
- Second-quarter sales up 27.5 percent to EUR 1.831 billion
- EBITDA pre exceptionals up 23.7 percent year-on-year to EUR 277 million
- Continuing on growth path: Acquisition of Emerald Kalama Chemical completed

India, August 12, 2021 – Following a good second quarter, LANXESS has again raised its guidance for the full year 2021. The specialty chemicals company now expects EBITDA pre exceptionals to be between EUR 1 billion and EUR 1.05 billion. The guidance also reflects the acquisition of Emerald Kalama Chemical, which was completed in early August, with an EBITDA contribution of around EUR 35 million for the remainder of 2021. Previously, LANXESS expected earnings of between EUR 950 million and EUR 1 billion.

LANXESS significantly increased EBITDA pre exceptionals in the second quarter compared with the prior-year period, which was dominated by the pandemic: earnings were up by 23.7 percent from EUR 224 million to EUR 277 million. This positive development was driven by increasingly strong demand from the automotive industry, with the Engineering Materials segment benefiting in particular. The Consumer Protection segment also developed strongly, with earnings almost reaching the high level of the previous year. The Group managed to largely pass on the sharp increase in raw material prices in all segments by adjusting selling prices. Exchange rate effects, particularly from the U.S. dollar, high freight costs and significantly higher energy costs, especially in Germany, had a negative impact on earnings. The EBITDA margin pre exceptionals was 15.1 percent, compared with 15.6 percent in the prior-year quarter.

"Our business continued to develop well in the second quarter. Volumes are back to pre-pandemic levels and we are confident about the second half of the year. With this momentum and the successful acquisition of Emerald Kalama Chemical, we are able to once again accelerate our growth path and raise our guidance for the full year," said Matthias Zachert, Chairman of the Board of Management of LANXESS AG.

Group sales in the second quarter rose significantly by 27.5 percent to EUR 1.831 billion from EUR 1.436 billion in the previous year. As expected, net income from continuing operations was significantly below the prior-year figure of EUR 803 million at EUR 77 million. In the second quarter of 2020, a substantial level of extraordinary proceeds had been generated from the sale of the stake in chemical park operator Currenta.

Acquisition pushes growth in Consumer Protection segment

Just last week, LANXESS completed the second-largest acquisition in its history. The acquisition of Emerald Kalama Chemical strengthens the specialty chemicals company's position in markets with attractive growth rates and opens up new high-margin application areas, particularly in the area of consumer protection. These include, among others, products for flavors and fragrances as well as preservatives for use in foods and beverages or in cleaning and cosmetic products. The Group expects to complete the integration of the new businesses quickly. In fiscal 2021, the acquisition will already contribute around EUR 35 million to LANXESS' annual result.

Segments: Increasing demand drives earnings

The Advanced Intermediates segment benefited from strong demand and corresponding higher volumes. Sales were also driven by higher selling prices. At EUR 505 million, sales were 17.4 percent above the prior-year figure of EUR 430 million. EBITDA pre exceptionals fell by 6.8 percent from EUR 103 million to EUR 96 million, impacted by higher energy and freight costs. In addition, earnings in the prior-year quarter also included positive price effects, as lower raw material prices were not passed on to the market immediately. The EBITDA margin pre exceptionals fell accordingly to 19.0 percent from 24.0 percent in the prior-year period.

In the Specialty Additives segment, increasingly strong demand was reflected in significantly improved results. Volumes rose strongly and selling prices were also higher than in the previous year due to the passing-on of increased raw material costs. Adverse exchange rate effects had a negative effect. Sales rose by 28.5 percent from EUR 442 million to EUR 568 million. EBITDA pre exceptionals was EUR 89 million, 48.3 percent above the prior-year figure of EUR 60 million. The EBITDA margin pre exceptionals rose from 13.6 percent to 15.7 percent.

Sales and earnings of the Consumer Protection segment in the second quarter reached the strong level of the prior-year period. Continued good business with agrochemicals at Saltigo and good demand for disinfectants at Material Protection Products led to higher volumes. The businesses of the acquired companies INTACE and Theseo also made a positive contribution. Adverse exchange rate effects impacted sales and earnings. Sales increased by 4.3 percent from EUR 301 million to EUR 314 million. EBITDA pre exceptionals was EUR 65 million, down 4.4 percent from the prior-year figure of EUR 68 million, due to higher energy and freight costs and price effects. The EBITDA margin pre exceptionals reached 20.7 percent, compared with 22.6 percent in the previous year.

The Engineering Materials segment benefited from increasingly strong demand from the automotive industry – volumes increased significantly. Selling prices were also higher than in the prior-year quarter, which was severely impacted by the Corona pandemic. Exchange rates developed negatively. Sales in the second quarter increased by 73.8 percent from EUR 244 million to EUR 424 million. EBITDA pre exceptionals was EUR 68 million, up 142.9 percent from EUR 28 million a year earlier, despite higher freight and energy costs and the unavailability of a key supplier. The EBITDA margin pre exceptionals rose from 11.5 percent to 16.0 percent.

EUR million	Q2/2020	Q2/2021	Change %	H1/2020	H1/2021	Change %
Sales	1,436	1,831	27.5	3,140	3,524	12.2
EBITDA pre exceptionals	224	277	23.7	469	519	10.7
EBITDA margin pre exceptionals	15.6%	15.1%		14.9%	14.7%	
Net income	798	100	-87.5	862	164	-81.0
from continuing operations	803	77	-90.4	866	140	-83.8
from discontinued operations	-5	23	>100	-4	24	>100

Net financial liabilities				1,012*	1,309	29.3
Employees**				14,309*	14,304	0

*As of December 31, 2020
**Employed in continuing operations as of the reporting date.

Source : Chemical Market

Enabling attractive branding on metallic lamp bezel surfaces of automotive headlamps with Ultradur®

- Laser transmittance Ultradur® allows laser engraving on metallic bezel surface without degradation
- Ultradur provides a high glossy surface finish, good processability, as well as low fogging and mold deposit for headlamp application

Shanghai, China – August 20, 2021 – BASF has introduced a new grade of its established Ultradur® polybutylene terephthalate (PBT), which enables more attractive branding on metallic lamp bezel surfaces of automotive headlamps. The new grade was developed to meet the growing demand by Original Equipment Manufacturers (OEMs) for an improved brand image of headlamps.

While Ultradur is already widely used for headlamp components such as lamp bezel, brackets, the new laser transmittance PBT unreinforced grade Ultradur 4570 HGL LT enables laser engraving on metallic lamp bezel surfaces. This provides clearer and high-quality logo markings on automotive headlamps. In particular, the new grade helps customers avoid degradation on black lamp bezel surfaces during the laser marking process and maintain a high glossy surface finish, good processability, as well as low fogging and mold deposit.

"BASF focuses on the trends of next generation of headlamps and offers various Ultradur solutions for lamp bezel with extensive experience and in-depth expertise in automotive lighting systems. With the growing demand for branding on lamp bezel surfaces, we are helping our customers - tier suppliers of systems and parts – to develop tailored solutions for end-users," said Desmond Long, Vice President, Business Management Transportation, Performance Materials Asia Pacific.

Different technologies exist for lettering on plastic surfaces, such as laser marking, printing, and molding. Laser marking is popular among customers owing to design freedom, no further preparatory work or reworking necessary, high processing speed, and good contrast.

Source : BASF

Shin-Etsu Announces Silicone Products Price Increase

Shin-Etsu Chemical Co., Ltd. (Head Office: Tokyo; President Yasuhiko Saitoh) announced that it is going to increase the sales prices of all of its silicone products, one of Shin-Etsu's main business segments, both in Japan and globally.

Shin-Etsu announced a silicone products price increase in March of 2021 that was necessitated by the rise in prices of such raw materials as silicon metal and methanol as well as increased logistics costs. Since then, silicon metal, the main raw material of silicones, has faced a tightening of supply and demand globally. As a result, its sharp price increase is continuing. In addition, with regard to the procurement of raw materials and the shipping of products, transportation costs are greatly rising.

Source : ShinEtsu

Sumitomo Chemical to Construct Chemical Recycling Pilot Facility for Acrylic Resin to Reduce Impact on the Environment

Sumitomo Chemical has decided to construct a pilot facility for chemical recycling of acrylic resin (PMMA, poly-methyl-methacrylate) at its Ehime Works in Niihama City, Ehime Prefecture, Japan. The new facility is scheduled to begin pilot tests in the fall of 2022 and to start providing samples in 2023. In parallel with this project, the Company will work to develop a recycling system for PMMA, from collection of used acrylic resin to recycling and reprocessing into products, aiming for early commercialization of chemically recycled PMMA.

Acrylic resins, which possess the highest level of transparency among synthetic resins as well as superior weatherability and processability, are used in a wide range of applications, such as automotive tail lamp covers, electrical appliances, aquariums, outdoor signboards, liquid crystal displays, building materials, and protective partition panels to reduce the spread of droplets. Global demand for acrylic resins exceeded 1.3 million tons in 2020, and is expected to continue to grow steadily in the future.

In response to ever-growing environmental awareness, Sumitomo Chemical is working on the development of various chemical recycling technologies in-house as well as in collaboration with other companies and academic institutions. For acrylic resin chemical recycling, the Company has been pursuing development in collaboration with The Japan Steel Works, Ltd. ("JSW," headquartered in Shinagawa-ku, Tokyo), combining JSW's continuous plastic decomposition technology using twin-screw extruders with Sumitomo Chemical's expertise on MMA (methyl methacrylate) monomers and acrylic resins that it has cultivated over the years. With its own basic technology to pyrolyze acrylic resin and regenerate it as MMA monomer, which is used as a raw material, now successfully established, Sumitomo Chemical has decided to construct a pilot facility. The acrylic resin produced by re-polymerizing MMA monomer obtained by this technology is expected to reduce greenhouse gas emissions over the entire product life cycle by more than 60% compared to virgin materials produced from fossil resources, while maintaining the same level of basic properties, such as transparency and strength.

The used acrylic resin to be used as a raw material in this pilot test will be sourced from NIPPURA CO., LTD. (Miki-cho, Kita-gun, Kagawa Prefecture, Japan), which boasts the world's top share in the production of large acrylic panels for aquariums and has been a partner of Sumitomo Chemical for about 50 years. In order to commercialize chemically-recycled PMMA, Sumitomo Chemical will also begin to study the development of a stable raw material procurement system, including the collection of used acrylic resin from scrapped automobiles, electrical appliances, and protective partition panels. The recycled MMA monomer and the acrylic resin made from it are expected to be used in fields and products in which the added value of recycled materials is recognized, such as automobiles, where environmental regulations are being tightened, and road sound barriers for public highways.

Sumitomo Chemical positions its contribution to reducing environmental impact, including efforts towards a circular economy for plastic resources, as one of the material issues to be addressed as management priorities. The Sumitomo Chemical Group will continue to work as one to create both economic value and social value in an integrated manner, achieving sustained growth for the Group and contributing to building a sustainable society.

Source : Sumitomo Chemical

Evonik Sets Up Joint 3D Printing Laboratory With Uniontech

Evonik and the Chinese company UnionTech has agreed to set up a joint R&D laboratory for 3D printing technology in Shanghai, China.

- To develop industrial-scale 3D printing solutions based on high-performance photopolymer resins
- Close collaboration between material and machine manufacturers is essential to open up new 3D printing applications

Shanghai, China. Evonik and the Chinese company UnionTech has agreed to set up a joint R&D laboratory for 3D printing technology in Shanghai, China. With the capacities in material research, equipment & processes, and application research of the two companies, the laboratory aims to develop material solutions for industrial 3D applications. As planned, the lab will conduct photopolymer materials testing for application development. Some target markets include industrial manufacturing, electrical and electronic, consumer goods, medical care and other sectors.

"Evonik is committed to driving industrial-scale 3D printing as manufacturing technology across the entire value chain through ready-to-use material formulations." said Toni Schreibweiss, Vice President and General Manager for High-Performance Polymers Asia Pacific at Evonik, "The close collaboration between material and machine manufacturers is essential to open up new 3D printing applications. With the joint lab, Evonik expects an accelerated market access for new photopolymer products, especially in the very fast-growing Chinese market. We will bring our expertise in materials development and come up with innovative and diverse solutions for customers in a faster and more efficient way.

Founded in 2000, UnionTech is the market leader in Asia for ultra-large size industrial printers. The company develops and manufactures printers, supplies printing materials through subsidiaries and offers additive manufacturing as a service provider. "We envision the future of 3D printing technology as a shift from 'prototyping' to 'industrial-scale production," where material innovation plays a crucial role. The establishment of the joint lab is expected to reinforce the partnership between the two companies. We plan to explore open innovation models, so as to better serve customers and contribute to the development of the industry." said Jason Ma, CEO of UnionTech.

Photopolymer is a common 3D printing material featuring superior mechanical performance, high precision, and fast printing speed. With this material, the production of very complex workpieces is possible, which have a much smoother structure than with other 3D materials. Typical markets include automotive and aircraft manufacturers as well as industrial parts or special shoes. It therefore has a broad prospect for development.

Evonik recently launched a new product line of photopolymer for industrial 3D printing applications. The first three ready-to-use formulations of the family are all single-component systems and possess excellent mechanical properties such as stable printing performance and good aging resistance. It thus makes them ideal material solutions for industrial-scale production using stereolithography-based 3D printers.

In 2020, Evonik acquired a minority stake in UnionTech through its Venture Capital unit and since then the two companies have worked together in a number of additive manufacturing projects.

Source : Evonik

Lotte Chemical Replaces Product Packaging with Recycled Waste Plastic Materials

- Developed the PCR-PE packaging for the first time in Korea to apply to products shipped.
- Saves plastic usage by 300 tons per year and contributes to vital cycle of resources.
- Will expand the use of sustainable packaging through cooperation with partners.

LOTTE Chemical announced on the 9th that they independently developed the PCR-PE packaging for the first time in Korea and applied them to their own products shipped from July this year.

PCR-PE, the raw material used to make the packaging, is made from the waste PE bags that are initially produced by LOTTE Chemical and collected by customers after use. They are processed into reusable plastic and used to make the packaging materials that contain about 30% PCR-PE. They are similar to ordinary PE bags in properties.

The existing PE bags are widely used packaging materials made from synthetic resins, but they are recycled into low-quality materials or simply disposed as general waste. Therefore, LOTTE Chemical have initiated R&D to apply recycled plastic packaging from 2021 and completed a vital cycle of plastic to collect waste bags and turn them into materials for the PCR-PE bags with cooperation of customers.

LOTTE Chemical has been applying the PCR-PE bags to about 3,000 tons of HDPE products shipped domestically from Yeosu Plant each month and is planning to expand it to about 15,000 tons of PE and PP products by the end of this year. They are also planning to increase the amount of recycled plastic used for the PCR-PE packaging materials.

"We expect to recycle more than 300 tons of plastic a year with the PCR-PE bags," said CEO Jin Koo Hwang of LOTTE Chemical' Basic Material Division. "LOTTE Chemical will pioneer the vital cycle of plastic spanning the entire process of production, sale, and recycling."

LOTTE Chemical developed the PCR-PP material that can apply to cosmetic and food containers for the first time in Korea last September and has been supplying it to customers. With (Green Promise 2030), the eco-friendly business strategies presented last February, they announced the plan to increase the sale of recycled waste plastic products to 1 million tons. More PCR materials will be developed in response to the increasing use of recycled materials by customers in Korea and abroad and the various environmental restrictions.

Source : Lotte Chemicals

Airnovs Active Packaging Range Expanded With New Flavors Of Aroma-Can® Drop-In Canisters

- Strawberry and mint flavors join core range alongside orange, lemon and vanilla
- Aroma-Can® improves the user experience in a variety of food/vitamin and nutraceutical products by masking or enhancing scents
- New flavors become part of Airnov's standard offering, with ability to create new flavors to meet customer demands

August 26, 2021 – Airnov Healthcare Packaging, a global leader in controlled atmosphere packaging, has expanded its range of Aroma-Can® products to incorporate a wider range of flavors and scents.

Strawberry and mint Aroma-Can® have been added to the lineup of products, which are injection molded with a specially scented polymer compounded into the resin to release over time. Many nutraceuticals, such as fish oil tablets and valerian root, have inherently off-putting odors that discourage customers from taking the product as prescribed or from re-purchasing. Designed to drop into packaging, Aroma-Can® emit a pleasant aroma made to mask unwanted odors typically found in some herbal and nutraceutical products. They are also used to enhance the customer experience and brand appeal by adding an associated aroma to vitamins, probiotics, and other dietary supplements.

Nicolas Martinez, Global Product Manager at Airnov, commented: "What started as a niche product has exploded thanks to nutraceutical brand owners responding to consumers focusing more on their health and our ability to deliver new, tailored scents to the market in an easily automatable package."

Nicolas Martinez continued "Some herbal supplements work great but just plain smell bad! With many studies showing that the sense of smell is most closely linked with memory, we want our clients' customers to recall fresh-cut strawberries, not sardines, when it's time to take another dose."

In terms of geometry, the Aroma-Can® is the same shape and size as Airnov's standardized 1-gram desiccant canisters, making the product fully automatable and compatible with canister insertion equipment readily available on the market.

The new flavors join the existing core range of orange, lemon and vanilla, with Airnov also able to create new, custom scents to meet specific customer applications.

Source : CHemical Market

Price as on August 30, 2021

Name of Chemicals	Pack (Kgs.)	Price	Change (Rs./Kg)
INORGANIC CHEMICALS			
Ammonium Bicarbonate		60	
Ammonium Carbonate		55	
Ammonium Nitrate		65	
Borax (Granular)	50	48	
Borax (Powder)	50	42	
Bromine Liquid	50	265	
Calcium Carbonate(Activated)	50	50	
Calcium Carbonate (Precipitated)	50	30	
Carbon Disulphide	300	84	-1
Caustic Potash		78	
Caustic Soda (Flakes)	50	32	
Caustic Soda (Lye)	Tanker	22	
Hydro (China)	50	87	
Hydrogen Peroxide	50	41	
Hyflosupercel	22	66	
Lithopone (China)	25	185	
Magnesium Carbonate (Indian)	50	56	
Mercury	34.50	8700	
Nitric Acid RCF (60%)	Tanker	50	
Phosphoric Acid	50	67	
Potassium Carbonate	50	54	
Potassium Carbonate (Indian)	50	66	
Potassium Permanganate	50	160	
Soda Ash	50	30	
Soda Ash Tata		33	
Sodium Nitrite		44	
Sodium Nitrate		32	
Titanium Dioxide Anatase (TTPL)	25	190	
Titanium Dioxide Anatase (China)	25	160	
Titanium Dioxide (Rutile – R-902)	25	248	
Zinc Oxide (China)	50	93	

Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
ORGANIC CHEMICALS			
Acetic Acid Glacial	35	107	
Acetone (GI Drums)	160	121	
Acrylamide (Liquid)	250	230	
Acrylic Acid	200	119	
Acrylonitrile		210	
Adipic Acid	25	92	
Aniline	200	84	
Benzene (Per Litre)	200	55	
Benzoic Acid	200	86	
Benzoyl Chloride	200	125	
Benzyl Alcohol (FFC)	200	145	
Benzyl Chloride	200	165	
Bisphenol-A (Russian)	25	118	
n-Butanol (Barrels)	170	160	
Butyl Acetate		190	
Butyl Acrylate	180	75	
Butyl Carbitol	190	87	
Butyl Cellosolve		170	
Butyl Stearate	190	105	
C9 Solvent		59	
C10 Solvent		63	
Cellosolve	195	105	
Chloroform		22	
Citric Acid		47	
m-Cresol	190	270	
o-Cresol	200	300	
p-Cresol	200	325	
Mixed-Cresol		85	
Cyclohexane		76	
Cyclohexanone	190	121	
Diacetone		99	
Dibutyl Maleate (DBM)		203	-2
Dibutyl Phthalate (DBP)		176	-6
Dicyandiamide (DCDA)	25	300	
Diethanolamine (DEA)		110	
Diethylene Glycol (DEG)	230	72.50	
Diethyl Phthalate (DEP)	200	95	

Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
Diisobutyl phthalate (DIBP)		134	-9
Dimethyl formamide (DMF)		210	
Dioctyl Adipate (DOA)	200	193	-2
Dioctyl Maleate (DOM)		200	
Dioctyl Phthalate (DOP)	200	164	-4
2-EHA(2 Ethyl Hexyl Acrylate)	180	138	
Ethyl Acetate (Resale)	185	111	
Ethyl Acrylate (Intact)	180	121	
Ethylene Dichloride (EDC)	200	57	
Ethylene Glycol (MEG)	230	68.50	
Formaldehyde (Resale)	230	11	
Formic Acid	25	92	
Glycerine (IP)	250	53	
Glyoxal (Imp.)		101	
Glyoxal (Indian)		105	
Hexamine	50	78	
n-Hexane (Per Litre)	200	64	
Hexylene glycol		145	
Isobutyl Alcohol	170	125	
Isopropyl Alcohol (IPA)	170	124	-5
Maleic Anhydride (MAN)	25	86	
Melamine	25	103	
Methanol (Per Litre) (Resale)	200 Lit.	32.50	
Methyl Ethyl Ketone (MEK)	190	110	
Methyl Isobutyl Ketone (MIBK)		150	
Methylene Dichloride (MDC)	350	51	
Monoethanolamine (MEA)	180	100	
Octanol (2-Ethylhexanol)	170	165	
Octoic Acid		100	
Oxalic Acid (Punjab)	50	114	
Phenol (GI Drums)	215	115	
Phthalic Anhydride (PAN)	25	77	
PolyethyleneGlycol(PEG 200)	230	93	
PolyethyleneGlycol(PEG 400)	230	94	

Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
Polyvinyl Alcohol (Gohsenol GH-17)	20	190	
Propyl Acetate		109	
Propylene Glycol (Imp.)	210	325	
Purified Terephthalic Acid (PTA)		70	
Sodium Alginate (China)	25	280	
Sorbitol	250	52	
Styrene Monomer (Resale)	185	117	
Tartaric Acid	50	350	
Thiourea	50	110	
Toluene (Per Litre)	200	65	
Trichloroethylene	330	50	
Triethanolamine (Resale)	210	92	
Triethylene Glycol (TEG)		107	
Vinyl Acetate Monomer (VAM)	185	200	
Wax Industrial	25	105	
Wax Paraffin	24	98	
m-Xylene		57	
o-Xylene (Per Litre)	200	64	
Xylene Mixed (Per Litre)	200	61	

Call for Nominations for EPAS 2022 Green Chemistry Challenge Awards

WASHINGTON, Aug. 27, 2021 — The American Chemical Society (ACS), in partnership with the U.S. Environmental Protection Agency (EPA), announces the call for nominations for the 2022 Green Chemistry Challenge Awards to recognize businesses, academic institutions and nonprofits for innovative green chemistry solutions and products.

"The Green Chemistry Challenge Awards is an opportunity for EPA to recognize green chemistry solutions that advance protection of human health and the environment by preventing pollution at its source," says EPA Office of Chemical Safety and Pollution Prevention Assistant Administrator Michal Freedhoff, Ph.D.

Nominations demonstrating innovations in green chemistry must be submitted to EPA by Dec. 10, 2021. Nominations will be accepted for the following awards:

Focus Area 1: Greener Synthetic Pathways
Focus Area 2: Greener Reaction Conditions
Focus Area 3: The Design of Greener Chemicals

Specific Environmental Benefit: Climate Change (for a technology in any of the three focus areas that can prevent or reduce greenhouse gas emissions)
Small Business (for a technology in any of the three focus areas developed by a small business)
Academic(for a technology in any of the three focus areas developed by an academic researcher)

The ACS Green Chemistry Institute® (ACS GCI) will convene an independent panel of technical experts to formally judge the 2022 nominations and make recommendations to EPA for the 2022 winners. EPA anticipates giving awards to outstanding green chemistry technologies in six categories in June 2022.

Since the inception of the awards program a quarter century ago, EPA has received more than 1,800 nominations and presented awards for 128 technologies that decrease hazardous chemicals and use of resources, reduce costs and protect human health. Winning technologies are responsible for annually reducing the use or generation of hundreds of millions of pounds of hazardous chemicals, saving billions of gallons of water and eliminating billions of pounds of carbon dioxide equivalents.

"The American Chemical Society values its collaboration with EPA in recognizing outstanding green chemistry innovations through the Green Chemistry Challenge Awards program," says Mary Kirchhoff, Ph.D., director of ACS GCI and executive vice president for scientific advancement at ACS.

To receive guidance on how to submit a nomination, register for a 90-minute EPA-hosted webinar on Sept. 22, 2021 at 2 p.m. ET. More information about the upcoming webinar and the Green Chemistry Challenge Awards program can be found at www.epa.gov/greenchemistry.

The ACS Green Chemistry Institute® is an institute of the American Chemical Society dedicated to catalyzing the implementation of green and sustainable chemistry and engineering through the global chemistry enterprise and the Society. ACS GCI convenes industrial roundtables, holds an annual Green Chemistry & Engineering Conference (gcande.org), and offers educational resources including grants, awards, webinars and workshops — encouraging scientific innovations to solve environmental and human health issues facing our world today

Source : Chemical Market

PPG Launches PPG ENVIROCRON PCS P4 Powder Coatings for Architectural Market

ROLLE, Switzerland--(BUSINESS WIRE)-- PPG (NYSE: PPG) announced the introduction of PPG ENVIROCRON™ PCS P4 powder coatings for architectural, home décor and furniture applications. This latest generation of powder coatings meets the growing demand for matte and premium-textured finishes in applications ranging from aluminum and steel substrates for building construction to urban and office furniture.

"Matte finishes are quickly becoming the finish of choice in modern architec-

ture and home décor," said Anne Banuls, PPG powder coatings business manager. "The matte trend is also influencing styling, with consumer demand growing for dark neutrals and soft, creamy hues for metallic appliances and other traditionally glossy surfaces. Rich colors with premium-textured finishes give solid architectural colors an elegant, sophisticated and contemporary metallic look."

PPGEnvirocronPCS P4 coatings are polyester based and highly scratch- and UV-resistant, extending product life. For architectural applications, they offer contemporary finishes with excellent hiding power to cover substrate irregularities and casting defects. With their enhanced edge coverage, the coatings also offer excellent corrosion protection for aluminum extrusions and sheets and steel and galvanized steel substrates. They meet the key GSB International and Qualicoat standards for polyester-based powder coatings for architectural applications and metal substrates.

"At PPG, our strategy is to innovate and provide sustainable solutions to address our customers' greatest needs and provide practical solutions that make a difference," Banuls said. "As a global color expert, we are bringing that know-how to the architectural market to ensure that our range of coatings meets the latest design trends along with the high level of product performance that our customers expect."

Source : PPG

Distant Phosphate Mine Brought Back Onstream Within an Hour With Ecolab's Remote Assist Programme

- **A mechanical problem at a water treatment facility in a Middle Eastern mine 1,400 km away from the nearest technician called for creative thinking to circumvent travel restrictions caused by COVID-19.**
- **Rapid issue resolution was achieved by leveraging mixed-reality technology, eclipsing typical pre-pandemic response times.**
- **The technology is set to shape the future of service and support across a range of industries in a post-COVID world.**

Ecolab's Remote Assist programme has helped overcome the obstacles created by COVID-19 through the leveraging of mixed-reality technology to provide critical, speedy customer support, coming to the aid of a mining company in the Middle East, a customer of Nalco Water, an Ecolab company. With an unknown mechanical issue impacting chemical dosing for process water treatment, the phosphate mine was facing a potentially costly disruption of its activities.

Not too long ago, the mine's remote location of approximately 1,400 km (approx. 870 miles) away from the nearest technician might have led to operations being curtailed for several days. Challenges created by the pandemic further hindering the technician's ability to travel could have made the outcome even more bleak. However, by leveraging mixed-reality tools that combine elements of virtual reality and augmented reality to create a blend of the physical and digital world — in this case, a hands-free tablet-class wearable computer — Ecolab's Mining division was able to come to the rescue in a timeframe that would have been unthinkable just a few short years ago.

Connecting with a senior engineer at the treatment plant, the Nalco Water technician was able to communicate in real time, effectively inspecting the equipment to gain an understanding of the operational challenges on-site. Safely working together in a virtual environment, the two associates were able to quickly diagnose the issue and replace the component that was ultimately behind the problem. Service that would otherwise have required two days of travel was completed in just one hour, saving travel costs, maintaining social distancing and reducing the carbon footprint.

As well as offering mining and mineral-processing programmes that combine chemistry, automation and control technology to help plants optimise production, Nalco Water's proprietary 3D TRASAR™ smart water treatment system has long enabled the company to offer the benefits of remote monitoring and troubleshooting on over 40,000 units installed worldwide.

"We have greatly optimised productivity for our customers with these innovations, but inevitably, the occasional mechanical issue will call for service and support that is outside of the scope of smart controllers and automation on site," said Arjan Boogaards, senior vice president and general manager, Global Mining & Mineral Processing, Nalco Water. "That's where we can apply mixed-reality technology and continue to transform the future of service and support by enabling expedient, accessible issue resolution. We can help connect our customers to a global infrastructure of research, innovation, engineering and digital experts in a faster and more efficient way."

Ecolab's Remote Assist programme incorporates mobile applications that can connect to a remote collaborator. Through live video calling, annotations and sharing high-resolution snapshots with the remote collaborator, users can co-operate to troubleshoot problems extremely quickly.

"The pandemic has sped up the process for many companies to adopt digital tools, and they are dramatically improving their operations. The time and money savings are undeniable, so companies that do not make use of these tools could place themselves at a competitive disadvantage. We're clearly entering a new era." Said Arjan Boogaards Senior Vice President & General Manager, Global Mining & Mineral Processing

Leveraging this latest mixed-reality technology enables Ecolab to gain remote access to its customers' facilities in several beneficial ways. Its sales and technical representatives in the field can wear mixed reality devices for a "digital focus first, real-world focus second" approach to basic digital training in safe environments. Mixed reality also enables them to virtually connect to Ecolab's scientists, engineers and cross-functional teams for support. This enables them to remotely diagnose and troubleshoot issues around contamination, oversee chemistry usage, guide the installation of new equipment, monitor water and process conditions, and ultimately, implement solutions that maximise our customers' productivity.

As a result, Ecolab's response times are becoming even quicker, while gaining access to facilities that have closed or restricted access during the pandemic. Its experts can continue to collaborate to diagnose and troubleshoot customer problems without having to travel to the site, enabling mines and mineral processing plants to meet the dual pressures of a growing demand for raw materials and the need to limit staff to essential personnel so that workers can remain safe and healthy.

"This is most definitely an approach both we and our clients will continue with, even after COVID-19 has become a bad memory," Boogaards said. "The pandemic has sped up the process for many companies to adopt digital tools, and they are dramatically improving their operations. The time and money savings are undeniable, so companies that do not make use of these tools could place themselves at a competitive disadvantage. We're clearly entering a new era."

Other recent successes for Ecolab's Remote Assist programme include the mixed reality-enabled installation of three PURATE™ chlorine dioxide generators for a leading midstream company and supporting technical trials for a southern utility company that serves one of the largest U.S. states.

Source : Ecolab

Huntsman Increases Polyurethane Catalyst and Specialty Amine Capacity in Petfurdo, Hungary

THE WOODLANDS, Texas - Huntsman Corporation (NYSE:HUN) today announced that its Performance Products division plans to further expand its manufacturing facility in Petfurdo, Hungary, to meet the growing demand for polyurethane catalysts and specialty amines. The multi-million USD investment project is anticipated to be completed by mid-2023. The brownfield facility is expected to increase Huntsman's global capacity and

to provide more flexibility and innovative technologies for the polyurethane, coatings, metalworking and electronics industries.

One of the world's leading amine catalyst producers with over 50 years of experience in urethane chemicals, Huntsman has seen demand for its JEFFCAT® amine catalysts accelerate across the globe in recent years. These specialty amines are used in making everyday items like foam for automobile seats, mattresses, and energy-efficient spray foam insulation for buildings. Huntsman's latest generation innovative product portfolio supports industry efforts to lower emissions and odors of consumer products and contributes to global sustainability efforts.

"This additional capacity builds upon our previous expansions to further improve our capability and expand our product range of polyurethane catalysts and specialty amines," said Chuck Hirsch, Senior Vice President, Huntsman Performance Products. "With consumers increasingly demanding cleaner, eco-friendly solutions, this expansion will position us well for significant growth with these global sustainability trends," he added.

Huntsman also is proud to have received a USD 3.8 million investment grant from the Hungarian government in support of this expansion project.

"We greatly appreciate this generous investment grant in support of our facility expansion in Hungary and look forward to working further with the Hungarian government to advance economic development in their country," added Hirsch.

Source : Huntsman

Sinopec Accelerates Hydrogen Energy Development To Build World-Leading Clean Energy Chemical Company

Mr. Ma Yongsheng, President of China Petroleum & Chemical Corporation and Academician of Chinese Academy of Engineering, has proposed to accelerate hydrogen energy industry development during the Two Sessions recently held in Beijing. Mr. Ma suggested to devote more efforts in top-level design, core technology R&D, standard system formulation and industrial policy support.

As a secondary source of energy, hydrogen is playing an increasingly important role on the world energy stage. At present, China has achieved significant progress in hydrogen energy-related technologies, but the hydrogen energy industry remains in the pilot demonstration and market promotion stage.

Mr. Ma noted the many advantages of hydrogen energy, such as its varied sources, zero terminal discharge and wide range of applications. According

to the international Hydrogen Council, hydrogen energy will reduce carbon dioxide emissions by six billion tons by 2050. Meanwhile, the China Hydrogen Energy Alliance predicts that by 2050, China's annual hydrogen demand will be close to 60 million tons, which would help the country to cut 700 million tons from its carbon dioxide emissions.

Since 2020, China has successively issued the "Notice of Launching Demonstration Applications of Fuel Cell Vehicles" and the "New Energy Vehicle Industry Development Plan (2021-2035)," and supporting plans and policies to promote hydrogen energy R&D, production, storage and transportation and application have been introduced by local authorities across China. As of the end of 2020, China has an inventory of 7,352 fuel cell vehicles, 128 hydrogen refueling stations have been built with 101 already put into operation, ranking

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PRODUCT LIST

A

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C

D

E

Edible Refine Salt
SKC INDUSTRIES LLP Pg 14
Epichlorohydrine
KRISHNA SOLVECHEM LTD. Pg 10
Ethylene Diamine (EDA)
KRISHNA SOLVECHEM LTD. Pg 10
Ethylene Dichloride
KRISHNA SOLVECHEM LTD. Pg 10

F

Formic Acid
KRISHNA SOLVECHEM LTD. Pg 10

G

Gibberlic Acid
Chemilife Enterprises Pg 9
Green - BL
Mavani Chemicals Pvt. Ltd. Pg 11
G Salt to Amido G Acid
AAKAR DYES AND CHEMICALS Pg 12

H

H Acid
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Heptanes
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Hexane
KRISHNA SOLVECHEM LTD. Pg 10
Basic Brown Y Liquid Pg 12
HIREN ENTERPRISES Pg 12
Basic Brown Y Liquid Pg 12
Hydrazine Hydrate 80%
KRISHNA SOLVECHEM LTD. Pg 10
Hydrogen Peroxide 50%
KRISHNA SOLVECHEM LTD. Pg 10
Hydroxylamine Sulphate
KRISHNA SOLVECHEM LTD. Pg 10

I

Indole Acetic Acid
Chemilife Enterprises Pg 9
Indole Butyric Acid
Chemilife Enterprises Pg 9
Industrial Salt
SKC INDUSTRIES LLP Pg 14
Isobutanol
KRISHNA SOLVECHEM LTD. Pg 10
Isophorone
KRISHNA SOLVECHEM LTD. Pg 10
Isopropanol
KRISHNA SOLVECHEM LTD. Pg 10
Isopropyl Alcohol
KRISHNA SOLVECHEM LTD. Pg 10

J

J Acid
AAKAR DYES AND CHEMICALS Pg 12

M

Mamas Acid
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MCB
KRISHNA SOLVECHEM LTD. Pg 10
MDC
KRISHNA SOLVECHEM LTD. Pg 10
Methanol
KRISHNA SOLVECHEM LTD. Pg 10
Methylene Di Chloride
KRISHNA SOLVECHEM LTD. Pg 10
Methyl Ethyl Ketone (MEK)
KRISHNA SOLVECHEM LTD. Pg 10
Methyl Iodide
KRISHNA SOLVECHEM LTD. Pg 10
Methyl Iso Butyl Ketone (MIBK)
KRISHNA SOLVECHEM LTD. Pg 10
Methyl Metha Acrylate
KRISHNA SOLVECHEM LTD. Pg 10
Mono Chlorobenzene
KRISHNA SOLVECHEM LTD. Pg 10
Mono Ethyl Amine 70%
KRISHNA SOLVECHEM LTD. Pg 10
Mono Isopropyl Amine 70%
KRISHNA SOLVECHEM LTD. Pg 10
Mono Methyl Amine
KRISHNA SOLVECHEM LTD. Pg 10
Mono Sodium Phosphate
KRISHNA SOLVECHEM LTD. Pg 10
Morpholine
KRISHNA SOLVECHEM LTD. Pg 10

N

Naphthalene 2:7 Disulfonic Acid
AAKAR DYES AND CHEMICALS Pg 12
N-Butanol
KRISHNA SOLVECHEM LTD. Pg 10
Nitrizine Yellow
Mavani Chemicals Pvt. Ltd. Pg 11
N-Methyl-2-Pyrrolidone
KRISHNA SOLVECHEM LTD. Pg 10

O

Orange ARL
Mavani Chemicals Pvt. Ltd. Pg 11
Orange Base
Mavani Chemicals Pvt. Ltd. Pg 11
Ortho Nitro Toluene
KRISHNA SOLVECHEM LTD. Pg 10
Ortho Xylene
KRISHNA SOLVECHEM LTD. Pg 10

P

Papas Acid
Mavani Chemicals Pvt. Ltd. Pg 11
Paraformaldehyde
KRISHNA SOLVECHEM LTD. Pg 10
Para Nitro Toluene
KRISHNA SOLVECHEM LTD. Pg 10
PCI5
KRISHNA SOLVECHEM LTD. Pg 10
Peracetic Acid
Chemilife Enterprises Pg 9
PH
Mavani Chemicals Pvt. Ltd. Pg 11
Phenol
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Phosgenated and Cyanuric Based
Mavani Chemicals Pvt. Ltd. Pg 11
Phosphate
KRISHNA SOLVECHEM LTD. Pg 10
Phosphoric Acid 85%
KRISHNA SOLVECHEM LTD. Pg 10
Piperazine 68%
KRISHNA SOLVECHEM LTD. Pg 10
Piperazine Anhydrous
KRISHNA SOLVECHEM LTD. Pg 10
Polyamines
KRISHNA SOLVECHEM LTD. Pg 10
Potassium Meta Bi Sulphite
KRISHNA SOLVECHEM LTD. Pg 10
Propylene Glycol
KRISHNA SOLVECHEM LTD. Pg 10
Pyridine
KRISHNA SOLVECHEM LTD. Pg 10

Q

Quinizarine (1-4 Dihydroxy Anthraquinone
Mavani Chemicals Pvt. Ltd. Pg 11

R

Raw Salt/Crystal/Coarse Salt
SKC INDUSTRIES LLP Pg 14
Red - 4G
Mavani Chemicals Pvt. Ltd. Pg 11
Red - HI
Mavani Chemicals Pvt. Ltd. Pg 11

S

Salt Free Dyes
Mavani Chemicals Pvt. Ltd. Pg 11
Silver Peroxide
Chemilife Enterprises Pg 9
Sodium Acid Pyro Phosphate
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Benzoate
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Chloride NACL 99%
SKC INDUSTRIES LLP Pg 14
Sodium Hexa Meta
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Meta Bi Sulphate
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Metal
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Methoxide
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Nitrate
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Nitrite
KRISHNA SOLVECHEM LTD. Pg 10
Sodium Percarbonate
Chemilife Enterprises Pg 9
Sodium Sulphate
SKC INDUSTRIES LLP Pg 14
Sodium Sulphide Yellow Flakes
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Sodium Sulphite
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Sodium Tri Poly
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Stain Indicator
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S. Titan Yellow
Mavani Chemicals Pvt. Ltd. Pg 11
Styrene Monomer
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Sulfuryl Chloride
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Sulphur Dioxide
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T

Tablet Salt
SKC INDUSTRIES LLP Pg 14
Tertiary Butanol
KRISHNA SOLVECHEM LTD. Pg 10
Tetra Hydro Furan
KRISHNA SOLVECHEM LTD. Pg 10
T G Urea
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Thionyl Chloride
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Tobias Acid
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Toluene
KRISHNA SOLVECHEM LTD. Pg 10
Tri Ethyl Amine
KRISHNA SOLVECHEM LTD. Pg 10
Tri Ethyl Ortho Formate
KRISHNA SOLVECHEM LTD. Pg 10
Tri Mathyl Amine
KRISHNA SOLVECHEM LTD. Pg 10
Tri-n-Butyl Amine
KRISHNA SOLVECHEM LTD. Pg 10
TRIS AZO
Mavani Chemicals Pvt. Ltd. Pg 11
Tri Sodium Phosphate
KRISHNA SOLVECHEM LTD. Pg 10
Trospium Chloride
KRISHNA SOLVECHEM LTD. Pg 10

V

Vinyl Acetate Monomer
KRISHNA SOLVECHEM LTD. Pg 10
Violet 4B
Mavani Chemicals Pvt. Ltd. Pg 11

Y

Yellow ARL
Mavani Chemicals Pvt. Ltd. Pg 11
Yellow GL
Mavani Chemicals Pvt. Ltd. Pg 11
Yellow RL Base
Mavani Chemicals Pvt. Ltd. Pg 11

How is it Raining Plastic Video

WASHINGTON, Aug. 24, 2021 — Every year, more than 1,000 tons of plastic rain down onto national parks and wilderness areas in the western U.S. In this week's episode, we talk about where that plastic comes from, and we look for it in rain that falls on Washington, D.C.: https://youtu.be/HUAaurZKi6U.

Reactions is a video series produced by the American Chemical Society and PBS Digital Studios. Subscribe to Reactions at http://bit.ly/ACSReactions and follow us on Twitter @ACSReactions.

The American Chemical Society (ACS) is a nonprofit organization chartered by the U.S. Congress. ACS' mission is to advance the broader chemistry enterprise and its practitioners for the benefit of Earth and its people. The Society is a global leader in providing access to chemistry-related information and research through its multiple research solutions, peer-reviewed journals, scientific conferences, eBooks and weekly news periodical Chemical & Engineering News. ACS journals are among the most cited, most trusted and most read within the scientific literature; however, ACS itself does not conduct chemical research. As a specialist in scientific information solutions (including SciFinder® and STN®), its CAS division powers global research, discovery and innovation. ACS' main offices are in Washington, D.C., and Columbus, Ohio

Source : Chemical Market

second worldwide only to Japan.

Sinopec currently produces 3.5 million tons of hydrogen per year. In 2020, Sinopec started to advance and accelerate the construction of an integrated hydrogen energy industry chain across various fields – capital operation, technology R&D, production storage and transportation, network distribution and social cooperation.

Sinopec has built hydrogen refueling stations in Guangdong, Shanghai, Zhejiang, Guangxi and more, and 10 oil-hydrogen mixing stations are now in operation.

As part of China's 14th Five-Year Plan, Sinopec has included "clean" in the company vision for the first time. Carrying the goal of building China's largest hydrogen energy company, Sinopec will also be promoting clean energy construction through accelerating the transformation of hydrogen sources from grey hydrogen to blue and green hydrogen.

"During the '14th Five-Year Plan' period, Sinopec will layout 1,000 hydrogen refueling stations and step up to become a service provider of 'oil, gas, hydrogen, electricity and non-oil business' through transformation," said Mr. Ma. "In the future, people will not only pump gasoline and diesel in Sinopec's gas stations, but also hydrogen refueling and electricity among other businesses."

To better promote the market application of the hydrogen energy industry, Sinopec as an official partner of the 2022 Winter Olympics will guarantee supply of clean energy for the Game's infrastructure construction and operations to empower a "Green Winter Olympics."

Therefore, Sinopec's Beijing Yanshan Petrochemical Company has built a hydrogen purification unit which successfully produced hydrogen with purity of over 99.9 percent in March, 2020, achieving a daily production capacity of 500 kilograms of battery hydrogen products to meet the market's demand.

Source : Sinopac

Arkema acquires Ashland's Performance Adhesives and Reaches A New Milestone in the Group's 2024 Ambition

- **An agreement was signed today for the acquisition of Ashland's Performance Adhesives business, a first-class leader in high performance adhesives for industrial applications in the United States with a unique and innovative product portfolio**
- **This project perfectly aligns with the Group's ambition to become a pure Specialty Materials player by 2024 and focus its development on sustainable and high performance solutions**
- **This key step supports Bostik's strong long term growth ambition and now allows it to aim for an EBITDA margin above 17% in 2024**
- **Sales of approximately US$360 million (1) in 2021 with an EBITDA margin above 25% (1) and 330 employees.**
- **The offer was made on the basis of a US$ 1,650 million enterprise value, i.e. 15x the estimated 2021 EBITDA (1) after taking into account the tax benefits linked to the structure of the transaction**
- **Significant pre-tax synergies, estimated at 12.5% of sales, enabling to reduce the EV/EBITDA multiple to 8.7 by 2026**
- **Strongly value-creative deal for Arkema's shareholders, with an accretive impact on net earnings per share in the first year, and a €1 per share accretion by 2026**

"We are very happy and proud of this move. In a context of strong earnings growth following the recent divestment of PMMA and the start of the strategic review of Fluorogases, the acquisition of Ashland's adhesives business is a fantastic opportunity to reinforce the Group's presence in the US and to accelerate Bostik's growth.

With an excellent business which holds leading positions in many high-growth segments and a high level of profitability, this project fully aligns with the Group's targeted acquisition strategy. Ashland's adhesives will constitute a new technological platform for our adhesives and the synergies are particularly high given the geographical and application complementarities with Bostik and our Coating Solutions platform.

EVENTS AND CONFERENCES

CPHI MIDDLE EAST & AFRICA

Date: September 26-28, 2021
City: Abu Dhabi
Country: United Arab Emirates
Website: https://ilikevents.com/event/10576-cphi-middle-east-&-africa

Description: CPhI Middle East & Africa will be held 26 to 28 Sep 2021 in Abu Dhabi, United Arab Emirates. CPhI Middle East & Africa will be the region's most comprehensive pharma gathering. Together, with its co-located events ICSE, P-MEC, InnoPack and FDF, will host over 4,000 key visiting pharma suppliers and buyers. With a wide range of exhibitors from all across the entire pharma supply chain, don't miss out on your chance to participate at this unrivalled meeting point in Abu Dhabi. CPhI Middle East & Africa: Your partner for innovation and networking in pharma This year, the strength of the CPhI brand will be bringing to the Middle East & Africa region; shining a spotlight on innovation, market access, and successful partnership stories within pharmaceutical development from across the region. Taking place in the heart of the UAE, from 3-5 September 2018, at ADNEC in Abu Dhabi, CPhI Middle East & Africa is set to be the leading business platform for the pharmaceutical manufacturing industry. With its co-located events ICSE, P-MEC, InnoPack and FDF, it will bring together Pharma professionals from the whole value chain to learn, network and do business. CPhI Middle East & Africa is an event and I like events..

ADYE+CHEM SRI LANKA INTERNATIONAL EXPO

Date: September 23-25, 2021
City: Sri Lanka Exhibition & Convention Centre Paijanindia, Colombo,
Country: Sri Lanka
Website: https://10times.com/dye-chem-srilanka

Description: Dye+Chem Sri Lanka Int'l Expo is an exclusive International exhibition on all kinds of dyes and fine & specialty chemicals for the Sri Lankan Industry. After the great successes of the `Dye+Chem series of exhibitions' in South & South-East Asia (Bangladesh, Brazil, Indonesia, Singapore & Sri Lanka) as the only series of its kind leading in the sub-continent, CEMS-Global announces the `41st Dye+Chem Sri Lanka 2021 International Expo', to be held again. 41st Dye+Chem will be the most

CHEMUK 2021 EXPO

Date: Sept 15-16, 2021
City: NEC, Birmingham, UK
Country: UK
Website: https://www.chemicalukexpo.com/

Description: CHEMUK is the UK's only trade show dedicated to bringing together the multi-layer Chemicals/Chemical Product development, specification & processing/manufacturing communities, with crucial supply chain supplier groups. With some 2,500+ specialist businesses contributing to the UK's chemical industry – embracing raw materials, chemicals, intermediates & consumables, equipment & apparatus, high tech innovation streams, sub-contracting & business services and much more, CHEMUK is the event where the UK's chemical industries meet.

EVENTS AND CONFERENCES

MIDDLE EAST COATINGS SHOW

Date: September 27-29, 2021
City: Dubai World Trade Centre
Country: Dubai
Website: https://www.middleeastcoatingsshow.com/

Description: With more than 27 years in the industry, the Middle East Coatings Show has established itself as the only trade event dedicated to the coatings industry in the Middle East. For three days, the trade exhibition facilitates serious business and networking opportunities for the coatings community. The event creates the perfect environment for manufacturers, raw materials suppliers, distributors, buyers and technical specialists like formulators from the coatings industry to meet face-to-face and do business. That's not all, the event offers the opportunity to gather insight on the latest processes, exchange ideas with industry leaders and build a strong network in the Middle East.

INTERDYE CHINA

Date: Sept 27-29, 2021
City: National Convention & Exhibition Center, Shanghai,
Country: China
Website: https://10times.com/china-interdye

Description: CHINA INTERDYE is an international event involving dye industries worldwide. The event involves all textile, garments and dye industries gathered under a single roof. The event involves various seminars and training sessions to train and educate the newly established dye businesses. This event shows products like Pretreatment Auxiliaries, Dyeing Auxiliaries, Finishing Auxiliaries, Printing Auxiliaries, Acid Dyes, Azoic Dyes, Basic Dyes, Direct Dyes, Disperse Dyes, Mordant Dyes, Reactive Dyes, Sulphur Dyes, Vat Dyes, etc. in the Chemicals & Dyes, Textile, Fabrics & Yarns industries.

CHEMSPEC EUROPE

Date: September 29-30, 2021
City: Messe Frankfurt
Country: Germany
Website: https://www.chemspeceurope.com/2021/english/digital-2021/start/

Description: Chemspec Digital 2021 is a two-day event packed with interactive opportunities to meet, conduct business, discover new substances and hear about trends and developments all on a specifically designed digital platform.

Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers. This page was last updated on June 9th 2020

The cultures of the teams are very close, focused on customer centricity and sustainable innovation. We look forward to welcoming Ashland's high-caliber management team and to partner together for this highly value creative deal.", stated Thierry Le Hénaff, the Group's Chairman and Chief Executive Officer.

A major step in Bostik's strong long term growth ambition

With estimated sales of around US$ 360 million (1) and an estimated EBITDA at a very high level of around US$95 million (1) in 2021, Ashland offers a portfolio of high performance adhesive solutions in high-value-added industrial applications.

With its large range of key technologies and well-known brands, Ashland Performance Adhesives is a key player in pressure-sensitive adhesives in the United States, operating in high-growth applications, in particular in decorative, protection, and signage films for automotive and buildings. Combined with Bostik's and the Coating Solutions segment's sustainable and high performance solutions, its range will represent one of the most complete offering in the pressure sensitive adhesives sector.

Ashland also holds significant positions in structural adhesives in the United States, in particular in segments such as wood bonding for construction, composites and transportation. This will allow Bostik to complement its positions and to benefit from fast-growing demand driven by major sustainable trends.

Finally, Ashland Performance Adhesives offers a wide range of adhesives for flexible packaging, addressing growing demand for more sustainable products. Thanks to Ashland's positioning in North America, Bostik will complete its geographic presence in flexible lamination, becoming one of the world's key players in this sector.

Ashland's Performance Adhesives business, which employs approximately 330 people and operates 6 production plants, mainly in North America, has enjoyed sustained growth in recent years and has significant growth potential in Europe and Asia. Combined with Arkema's global positioning, the excellent technological, geographic and commercial complementarities of this acquisition will enable Bostik to expand its offering and position itself as a major player in high performance industrial adhesives.

This acquisition also allows to upgrade the 2024 profitability target for Arkema's Adhesive Solutions segment, which now aims for an EBITDA margin above 17%, among the very best in the industry, with sales of over €3 billion.

A strongly value-creative project, perfectly in line with Arkema's 2024 ambition

This project offers significant pre-tax synergies estimated at over US$ 45 million, which will be progressively implemented over the next 5 years. They will focus on the commercial development of globalized solutions in high-growth segments, procurement synergies through our acrylics business and industrial optimizations.

Given these synergies and the anticipated growth over the next few years, the enterprise value/EBITDA multiple will be reduced to 8.7 times in 2026 after taking account of the tax benefits linked to the structure of the transaction, which are estimated at more than US$200 million.

This deal will be financed fully in cash, and the level of net debt including hybrid bonds on closing will remain tightly controlled at 1.9x the 2021 pro forma EBITDA (2), in line with the Group's objective to maintain this ratio below 2.

Furthermore, this business represents a high EBITDA-to-cash conversion rate, above the Group's long-term targets, given the tight control of working capital and limited capital intensity.

Within the first year of integration this deal will have an accretive impact on net earnings per share and the accretive impact will reach €1 per share by 2026.

This proposed acquisition is fully in line with the Group's strategy and ambition to become a pure Specialty Materials player by 2024 generating sales of at least €10 billion with an EBITDA margin of around 17% and improved resilience. It is a major step in strengthening Arkema's Adhesive Solutions segment.

The project is subject to the approval of the antitrust authorities in the countries concerned. Relevant legal information and consultation process involving employee representative bodies will be performed before closing.

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- Highlighting and promoting segment-wise investment opportunities in respective investment regions
- Showcasing the roadmap for Infrastructure development and its up-gradation plan
- Devising strategies (anchor tenant) for feed-stock availability
- Demonstrate the benefits of co-siting, networking, and greater efficiency using common infrastructure and support services
- Highlighting the initiatives undertaken by Government of India to facilitate the growth of the sector
- To boost domestic manufacturing and exports
- Promoting research and development and scope of technology transfer and Skill Development in the Chemical and Petrochemical sector
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FOR SPONSORSHIP

Manan Tyagi
Email: manan.tyagi@ficci.com
Mobile: +91-9968461646

Puneet Maithani
Email: puneet.maithani@ficci.com
Mobile: +91-93194 40030

FOR SPEAKERS & DELEGATES

Rinky Sharma
Email: Rinky.sharma@ficci.com

Samidha Hasija
Email: Samidha.hasija@ficci.com; cpc@ficci.com

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