

# **DYES & CHEMICAL MARKET**

NOVEMBER 2021

VOLUME IX | ISSUE # 4

MUMBAI | PAGES 68



A MONTHLY MAGAZINE DEVOTED TO

**DYES   CHEMICALS   PHARMACEUTICALS   API   TEXTILE AUXILIARIES   PAINTS   SOLVENTS   COSMETICS**

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## Drum Openers for working with flammable liquids

QTi® Non-Sparking Bung Wrenches and Drum Openers are high-quality, high-strength tools made from Copper Titanium alloy. They are used for opening and closing caps and seals of Drums/Barrels containing flammable liquids. There is no need to have different tools for different plug sizes.



Drum Openers & Cutters

## QTi® NON-SPARKING HAND TOOLS FOR CHEMICAL HANDLING



### QTi® Drum Opener

Drum Opener is used to Open/Close plugs on metal barrels (drums) of 210 Liters/55 Gallons. This tool has several faces and is designed for use on plugs of size 2 inches (50 mm) and ¾ inches (19 mm) plugs—all with the same tool.



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### QTi® Drum Cutter

Copper Titanium Non-Sparking Drum Cutters is used to cut the 205 liters/55 gallons drum containing flammable liquids & used to cut-open plastic seals and tags of barrels containing flammable chemicals.



### IS Certified

Tested and certified for Non-Sparking characteristics as per BIS Standards IS:4595 -1969



### QTi® Bung Wrench

Copper Titanium Non-sparking multipurpose, drum bung wrench, not only is used to open and close drum bungs or plugs but can also be used as a ring wrench and a faucet wrench. It is ideal for heavy-duty jobs.



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- ◆ CHARLES THOMPSON LIMITED Pressure Filter/ Dryer Filter Dryer Model CT2000, new 2001
- ◆ CB110 Heat Exchanger
- ◆ ALFA LAVAL Heat Exchanger Alfares TM10-BGF 63 Ltr
- ◆ ALFA LAVAL Heat Exchanger CB300-18L (Unused)
- ◆ BRAY F15 Full Bore Fire Safe Ball Valve c/w S98
- ◆ Actuator & Switchbox
- ◆ HOSOKAWA MICRON Auger Feeder, new 2000
- ◆ HOSOKAWA MICRON APLINE Mill 315 UPZ Fine Impact Mill, new 2000

## CONTACT US THIS SALE

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6<sup>th</sup>

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17<sup>th</sup> December 2021, Holiday Inn, Mumbai

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Department of Chemicals and Petrochemicals  
Government of India



2nd Edition  
**SUMMIT ON  
GLOBAL CHEMICALS & PETROCHEMICALS  
MANUFACTURING HUBS IN INDIA**  
25<sup>th</sup> - 26<sup>th</sup> Nov 2021 | Hotel Le Meridien, New Delhi



*2nd Edition*

# SUMMIT ON GLOBAL CHEMICALS AND PETROCHEMICALS MANUFACTURING HUBS IN INDIA

**25TH - 26TH NOV 2021**  
**HOTEL LE MERIDIEN, NEW DELHI**  
**PHYGITAL (PHYSICAL AND DIGITAL)**

## OBJECTIVES

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

Promoting sustainability initiatives for comprehensive development of the industry

Industry excellence awards to recognize innovative work and boost innovation in the industry

Evolving opportunities in Chemicals & Petrochemicals industry in post Covid Era

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# ANNOUNCING



**17<sup>th</sup> December 2021**  
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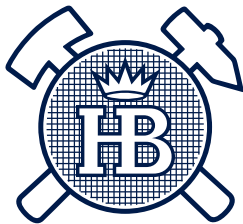
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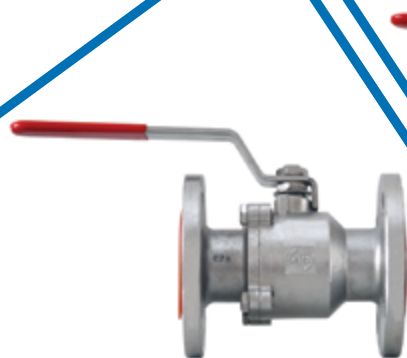
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- Indole Butyric Acid** ❑
- Gibberlic Acid & 6BA** ❑

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- Laboratory Glasswares
- Laboratory Plastic Wares
- Laboratory Equipments & Analytical Instruments
- Industrial safety products - Gloves, Wipers, Ear Plugs,

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Phosphoric Acid 85%	Sodium Tri Poly
Potassium Meta Bi Sulphite	Phosphate
Sodium Acid Pyro Phosphate	Tri Sodium Phosphate

## Du-Pont Ltd.

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## Reliance Industries Ltd.

Cyclohexane

## Lucky Chemicals Industries

PCl<sub>5</sub>

## Jubilant Life Science Ltd.

Acetic Acid

## Diamines and Chemicals Ltd.

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**MUMBAI PORT :** Acetic Acid, Acetone, Methanol, Methylene Di Chloride, Ortho Xylene, Toluene.

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- ☛ G Salt to Amido G Acid
- ☛ Amido G. Acid to Gamma Acid
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Contact

**Bharat Mehta**

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- Basic Brown R Liquid
- Basic Crysodine Y Liquid
- Basic Auramine Liquid
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- Direct Red 81 Liquid
- Direct Orange 118 Liquid

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#### CphI - Informa Group

No	Exhibitions	Date	Place
1	CPhI North America	May 17-19, 2022	PHL
2	CPhI Worldwide Germany	Nov 1-3, 2022	Fiera Milano, Milan, Italy
3	CPhI Middle East & Africa	TBD	Abu Dhabi, UAE
4	CPhI China- Virtual CPhI	Dec 16-18, 2021	Shanghai, China
5	CPhI Japan	Apr 20-22, 2022	Tokyo, Japan
6	CPhI Korea	TBD	Seoul, India
7	CPhI India	Nov 24-26, 2021	Noida, India

#### MECD (Coating Show)

1	Asia Pacific Coatings Show	Sept 14-16, 2022	Indonesia, Jakarta
2	Middle East Specialty Chemicals Show	June 12-14 2021	Dubai
3	Middle East Coatings Show	June 12-14, 2022	Dubai
4	Coatings For Africa	May 04-06, 2022	Sandton, South Africa

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#### CHEMS

1	Dye+Chem Morocco International Expo	Nov 24-27, 2021	Morocco
2	Dye+Chem Sri Lanka International Expo	TBD	Colombo Sri Lanka
3	Dye+Chem Bangladesh International Expo	TBD	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	TBD	Dhaka, Bangladesh
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#### Turkey (Arkim Group)

1	InterDye Textile Printing Eurasia	Nov 24-26, 2022	Istanbul
2	Paint Istanbul TURKCOAT	Mar 17-19, 2022	Istanbul
3	Paint Expo Eurasia	Nov 25-27, 2021	Istanbul

#### Other Exhibitions

1	Paint India	Mar 10-12, 2022	JIO World Convention Center, Mumbai
2	Expo Paint and Coatings	July 28-30, 2022	New Delhi, India
3	CIPI	TBD	Mumbai, India
4	Chemspec Europe	May 31-Jun 01, 2022	Messe Frankfurt, Germany
5	ChemUK 2022 Expo	May 11-12, 2022	NBC, Birmingham, UK
6	American Coatings Show	Apr 05-07, 2022	Indianapolis
7	China Coat China	Mar 02-04, 2022	Shanghai, China Shanghai
8	Interdye China	May 31-Jun 02, 2022	China
9	Paint Expo Germany	Apr 26-29, 2022	Germany

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# Buy Enquiries

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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 <b>Mr. Sunairaja. T</b> Sivakasi, Tamil Nadu, India <b>Email : <a href="mailto:pyrocheme@gmail.com">pyrocheme@gmail.com</a></b> <b>Tel.: 9443164779</b>		

Product Name	Qty	Grade
861229-15-4	1000 Tonnes	Industrial
Details : This is an additive for waterproofing membrane and purity more than 90% <b>Mr. David Ding</b> Singapore <b>Email : <a href="mailto:dingzhusong1972@yahoo.com">dingzhusong1972@yahoo.com</a></b> <b>Tel.: 006591058487</b>		

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 <b>Mr. Abhay Hingarh</b> Mumbai, Maharashtra, India <b>Email : <a href="mailto:jovikaenterprise@gmail.com">jovikaenterprise@gmail.com</a> Tel.: 09821011976</b>		

Product Name	Qty	Grade
N-Ethyl-2-Pyrrolidone NEP	8000 Kgs	Technical
Details : <b>Vandit Shah</b> Pune, Mh <b>Mobile: 9327238521 Email : <a href="mailto:vandit09@gmail.com">vandit09@gmail.com</a></b>		

Product Name	Qty	Grade
Epoxy Novolc Resin	200 Kgs	Chemical
N75 Hardner	600 Kgs	Chemical
PGE Epoxy Diluent	400 Kgs	Chemical
Cycloaliphatic Amine Epoxy Hardner	500 Kgs	Chemical
Ancamine 2753	500 Kgs	Chemical
Epoxy Silane 6040	50 Kgs	Chemical
Details : Require Quotation <b>Rajshri Waghmare</b> Pune, Maharashtra, India <b>Email : <a href="mailto:scm@demechchemical.com">scm@demechchemical.com</a></b> <b>Tel.: 9764593597</b>		

Product Name	Qty	Grade
1,2-Bis(2-aminophenoxy)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
2-Aminobenzotrifluoride / CAS 88-17-5.	500 Kgs	Technical
5-acetylacetamidobenzimidazolone /CAS: 26576-46-5	2 Tonnes	Technical

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.  
2-Aminobenzotrifluoride 88-17-5.. We need 500 kilos for pigment production  
We need 2 tons 5-acetylacetamidobenzimidazolone / CAS: 26576-46-5 .  
**PRAVIN IYER**  
Baroda, Gujarat, India Mobile: 9898507767  
**Email : [pravin.iyer@atpigments.com](mailto:pravin.iyer@atpigments.com)**

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Product Name	Qty	Grade
NaOH flakes	360 Kg	Chemical
Sodium Metabi Sulphate	255	Chemical
Sodium Hypochlorite	480 Kg	Chemical
HCL	1115 Kg	Chemical
Alum	160 Kg	Chemical
Industrial Salt	10800 Kg	Chemical
Oil Disperant	207 Kg	Chemical
Polyelectrolyte Anionic	235 Kg	Chemical
Genesys RC (Anti-scalant)	962 Ltr	Chemical

Details : Required Rate with MSDS and Other Certificate

**Swapnil Salunke - Zen Engineering**

Plot # A-269, Road # 33 A, Wagle Industrial Estate,  
Near ESIS Hospital, Thane (West)-400604.

Maharashtra, INDIA

Web: [www.zenengineering.net](http://www.zenengineering.net)

Email: [purchase@zenengineering.in](mailto:purchase@zenengineering.in)

Switchboard.: +91-989-283-1911

Product Name	Qty	Grade
ISO Propyl Alcohol	1 Tonnes	Industrial

Details : Need Quote for IPA. Please reply via email/phone.

**Rajkumar Mandal**

Boisar, Maharashtra, India

Email : [info@myteepol.com](mailto:info@myteepol.com)

Mobile : 9967800437

Product Name	Qty	Grade
Strontium carbonate powder imported	1000 Kgs	Industrial
Metaldehyde	100 Kgs	Technical
Azidotetrazole	100 Kgs	Technical
Strontium carbonate	1000 Kgs	Technical
phenolic resins	1000 Kgs	Technical

Details : we are interested to buy strontium carbonate powder imported solvay material pl contact 9443164779 pyrochome@gmail.com

we are interested to buy metaldehyde and Azidotetrazole in bulk for industrial applications pl contact 9443164779

we are interested to buy strontium carbonate powder imported

**Sunairaja. t**

Sivakasi, Tamil Nadu, India

E-mail : [pyrochome@gmail.com](mailto:pyrochome@gmail.com) Mobile : 9443164779



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Product Name	Qty	Grade
2,3 DCP (CAS # 2402-77-9)	15 MTs	Industrial

Details : Need for August. Please reply via email/phone.

**Dr. Deepak Birewar**

**Inventys Research Company**

Email : [dbirewar@inventys.in](mailto:dbirewar@inventys.in)

Mobile : +91-961-966-6333

Product Name	Qty	Grade
Detergent and Home Care Product	Container Truck load	

Details : Prefer direct manufacturer or exporters only.

**Jagdish Thakral**

**Shri Hariram Export Pvt. Ltd.**

Email: [jthakral@kailashgroup.com](mailto:jthakral@kailashgroup.com) (preferred)

Phone : 0712-273-4041

Product Name	Qty	Grade
Pharma Intermediates	-	

Details :

**Arnish**

**Chemox Chemopharma Industries**

Email : [vekariya.arnish@ymail.com](mailto:vekariya.arnish@ymail.com)

Mobile: +91-990-908-3070 (preferred)

Product Name	Qty	Grade
Acetonitrile - Virgin - 99.9% pure - CAS Number: 75-05-8	500 Kgs	VirginPure

Details : No recycled or recovered Acetonitrile, only fresh material please.

**Mr Kunal Kamat (Procurement Agent)**

**Kunal Chemicals Trading**

Email : [kunalchemicaltrading@gmail.com](mailto:kunalchemicaltrading@gmail.com)

Mobile : +91-932-001-3358

Product Name	Qty	Grade
CAS NO 60-00-4 - EDTA Acid	1 Tonnes	Industrial

Details : Please reply via email/phone

**Parthiv**

**Shiv Chem Industries**

Email : [chelateshivchem@yahoo.co.in](mailto:chelateshivchem@yahoo.co.in)

Tel.: 079-2282-3447

Product Name	Qty	Grade
Sofosbuvir and Daclatasvir		

**Nirav Patel**

**Indamed Pharmaceuticals Pvt. Ltd.**

Email : [indamedpharma@yahoo.co.in](mailto:indamedpharma@yahoo.co.in)

Mobile : +91-968-787-7922 (Preferred)



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Product Name	Qty	Grade
Glycerine Terpinol	1 Tonnes	Industrial
Details : <b>Sanjay Rokad Shreeji Enterprise</b> Ankleshwar, Gujarat, India Email : <a href="mailto:rokadsanjay@yahoo.com">rokadsanjay@yahoo.com</a> Mobile : +91-701-615-0012		

Product Name	Qty	Grade
Acetic Acid	Tanker	
Details : <b>Dinesh Gupta</b> <b>HARESH ENTERPRISES (Wholeseller)</b> Email: <a href="mailto:setuenter@yahoo.co.in">setuenter@yahoo.co.in</a> Mobile: +91-9824200441		

Product Name	Qty	Grade
Ammonium Sulphate pure white		
Details : <b>Manish</b> <b>SM Dharani Chem Pvt Ltd( Manufacturer)</b> Email : <a href="mailto:manish@smdcpl.in">manish@smdcpl.in</a> 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. <b>Mr. Jitendra Bhalgat</b> Ahmednagar, Maharashtra, India Email : <a href="mailto:jbhalgat11@gmail.com">jbhalgat11@gmail.com</a> 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 <b>Mr. Utpal Shah</b> Mumbai, Maharashtra, India Email : <a href="mailto:utpal@jayeshgroup.com">utpal@jayeshgroup.com</a> Tel.: 9820144091		

Product Name	Qty	Grade
Toulene	5000 Kgs	Industrial
Details : Kindly arrange to send us quotations <b>Santosh Taksale</b> Pune, MH Mobile: 9028843799 Email: <a href="mailto:santosh.taksale@manikchandpackaging.com">santosh.taksale@manikchandpackaging.com</a>		

Product Name	Qty	Grade
Diethylene Glycol		
Details : <b>Rakesh Bachani</b> <b>Royal Chemicals (India)</b> Email : <a href="mailto:info@royalchemindia.com">info@royalchemindia.com</a> Mobile : +91-922-150-3305		

Product Name	Qty	Grade
Naphthalene Powder	-	
Para Di Chloro Benzene Powder		
Camphor Powder		
Details : <b>Xavi</b> <b>Gabhri Pharma (Manufacturer)</b> E-mail : <a href="mailto:fragrancevalley1992@gmail.com">fragrancevalley1992@gmail.com</a> Mobile : 9847687718		

Product Name	Qty	Grade
Resorcinol	-	
Triethyl amine		
Paraformaldehyde		
Formaldehyde		
Details : <b>Ashok Patil (Manufacturer)</b> <b>DD Patil Chemicals, Amalner Dist Jalgoan</b> Email: <a href="mailto:ddchemicalsales@gmail.com">ddchemicalsales@gmail.com</a> 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. <b>Arvindbhai Vadhada</b> <b>NewCera Minechem (Manufacturer)</b> Email : <a href="mailto:newceraminechem62@yahoo.com">newceraminechem62@yahoo.com</a> Mobile : +91-9429460123		

Product Name	Qty	Grade
3-(2-Ethyhexyloxy) Propylamine. CAS NO : 5397-31-9	5 Tonnes	Chemical
Details : Need this 5 Tonnes. <b>Raj Shah</b> <b>NASSOLKEM, BUL BUL (Manufacturer)</b> Email : <a href="mailto:natchem@gmail.com">natchem@gmail.com</a> 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. <b>Jitendra Bhalgat</b> Ahmednagar, Maharashtra, India Email : <a href="mailto:jbhalgat11@gmail.com">jbhalgat11@gmail.com</a> 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 Kerala) <b>Rajshree Varshney</b> Mumbai, Mh Mobile: + 917520945076 Email : <a href="mailto:rajshree.varshney@gmail.com">rajshree.varshney@gmail.com</a>		

Product Name	Qty	Grade
Tera Hydrofurin (thf)	-	
Details : We are Trader and Deal in api and solvents <b>Rajiv Kapoor</b> Global Enterprises (Traders) Mobile: 8866506582 Email : <a href="mailto:globalenterprisespurchase@gmail.com">globalenterprisespurchase@gmail.com</a>		

Product Name	Qty	Grade
Modified Starch	1 Tonnes	Technical
Details : for our won purpose <b>Purushotham M</b> Salem, Tamil Nadu, India Mobile: +919443326055 Email : <a href="mailto:sreestarch@gmail.com">sreestarch@gmail.com</a>		

Product Name	Qty	Grade
Trifluoromethyl benzene (CAS 98-08-8)	300 Kgs	Industrial
Details : for our won purpose <b>Chetan Lakhpati</b> Thane, Maharashtra, India Mobile: 9920337763 Email : <a href="mailto:clakhpati@gmail.com">clakhpati@gmail.com</a>		



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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). <b>Kishor at Moglix</b> Noida Mobile: 96503-64721 Email : <a href="mailto:Kishor.tarafdar@moglix.com">Kishor.tarafdar@moglix.com</a>		

Product Name	Qty	Grade
IPA		
Details : Bulk requirement <b>Amit Dave</b> Amit International (Distributor) Email : <a href="mailto:amitintl@zoho.com">amitintl@zoho.com</a> 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	
Dimethylsuccinyllo 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 : <b>Pravin Iyer</b> AT Pigments (Manufacturer) Email : <a href="mailto:pravin.iyer@atpigments.com">pravin.iyer@atpigments.com</a> Mobile : 9898507767		

Product Name	Qty	Grade
Silica Sand	500 Tonnes	Industrial
Details : <b>Mr. Haroun Mousa</b> Dammam Mobile: 00966566663350 Email : <a href="mailto:haroonmousa69@gmail.com">haroonmousa69@gmail.com</a>		



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Product Name	Qty	Grade
Titanium dioxide		
Details : <b>P. DO. SHAH</b> <b>SEMITONE INDIA (Manufacturer)</b> Email : <a href="mailto:prakash@pcf.co.in">prakash@pcf.co.in</a> Mobile : 918850655380		

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click on the email link to send an email*

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) <b>Abhishek Jha</b> <b>Valsad, Gujarat, India</b> Email : <a href="mailto:pur5@triveniinterchem.com">pur5@triveniinterchem.com</a>		

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Product Name	Qty	Grade
Barium Titanate		
Calcium Titanate		
Lead Titanate		
Lithium Titanate		
Details : <b>P. DO. SHAH</b> <b>SEMITONE INDIA (Manufacturer)</b> Email : <a href="mailto:prakash@pcf.co.in">prakash@pcf.co.in</a> Mobile : 918850655380		

Product Name	Qty	Grade
Industrial Label Gum 38051010		
Details : <b>Janardhan</b> <b>Katyayani Polymers (Manufacturer)</b> Email : <a href="mailto:katyayanipolymers@gmail.com">katyayanipolymers@gmail.com</a> Mobile: +91-995-990-0375		

Product Name	Qty	Grade
Purified Terephthalic Acid	-	Trader
Details : <b>Rakesh Bachani</b> <b>Royal Chemicals (India)</b> Email : <a href="mailto:info@royalchemindia.com">info@royalchemindia.com</a> Mobile : +91-922-150-3305		

Product Name	Qty	Grade
Toluene c9 and solvents	-	Trader
Details : We are Trader and Deal in api and solvents <b>Rajiv Kapoor</b> <b>Global Enterprises (Traders)</b> Mobile: 8866506582 Email : <a href="mailto:globalenterprisespurchase@gmail.com">globalenterprisespurchase@gmail.com</a>		

Product Name	Qty	Grade
Reactive Dyes	Bulk	Distributor
Ramazoles		
Vat Dyes		
Details : <b>M/s Diamond Dyes Industries Pvt. Ltd.</b> 102, Nain Krupa, 1st Floor, 118/112, Kazi Sayed Street, Masjid (West), Mumbai - 400 003 <b>Tel: 022-2340-2754</b> <b>Mobile: (Bharat Bhai) 093241-36095</b> <b>Dilip: 093242-48986</b> Email: <a href="mailto:bharatd18@gmail.com">bharatd18@gmail.com</a>		

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 : <a href="mailto:amritdyes1952@gmail.com">amritdyes1952@gmail.com</a>		

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Product Name	Qty	Grade
Alfa Naphthols		
Diethyl Meta Toluidine		
2 Nitro Di Methyl Terephthalate		
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](mailto: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](mailto:setuenter@yahoo.co.in)**  
**Mobile: +91-9824200441**

Product Name	Qty	Grade
Ammonium Sulphate caprolactum grade		
Details : <b>Manish</b> <b>SM Dharani Chem Pvt Ltd( Manufacturer)</b> <b>Email : <a href="mailto:manish@smdcpl.in">manish@smdcpl.in</a></b> <b>Mobile : 9879408765</b>		

Product Name	Qty	Grade
Sodium Bi Sulphate	-	-

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



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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](mailto: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](mailto:info@texochem.com)

Mobile : 919820217042

Product Name	Qty	Grade
Glycerine	12 Tons	Manufacturer

Details :

**Tajinder Goyal**

Softex Surgial

Email : [Tajinder.goyal@gmail.com](mailto: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](mailto: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](mailto:jthakral@kailashgroup.com)  
 Phone : 07122734041

Product Name	Qty	Grade
Polyacrylamide		
Hydrochloric Acid		
Industrial Safety Mask		

Details : Bulk requirement

**Amit Dave**

Amit International (Distributor)

Email : [amitintl@zoho.com](mailto: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](mailto:anamika@punjabchemicals.com)

Mobile : 9867724805

Product Name	Qty	Grade
EDTA Tetra Sodium Liquid	-	

Details :

**Parthiv**

**Shiv Chem Industries (Manufacturer)**

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Tel.: 079-2282-3447

Product Name	Qty	Grade
Diffubenzurone	250 Kg 500 Kg	

Details :

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Mobile : 9830175616



# Sales Enquiries

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Product Name	Qty	Grade
Sulphur Powder		
Sulphur Roll		
Details : we are manufacturers of Sulphur powder and Sulphur roll <b>Adesh</b> <b>J.K.Industries, Deoband (Trader)</b> <b>Email : <a href="mailto:jkind.dbd@gmail.com">jkind.dbd@gmail.com</a></b> <b>Mobile : 9412113914</b>		

Product Name	Qty	Grade
Mercuric Chloride		
Details : <b>Surendra Agrawal</b> <b>Ankur Chemicals (Manufacturer)</b> <b>Email : <a href="mailto:ankurchemical@yahoo.com">ankurchemical@yahoo.com</a></b> <b>Mobile : 09352500959</b>		

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		
Emulsifier		
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 : <b>Prashant Satpute</b> <b>Sauradip Chemical Industries Pvt. Ltd. (Manufacturer)</b> <b>Email : <a href="mailto:prashant.satpute@sauradip.com">prashant.satpute@sauradip.com</a></b> <b>Mobile : 09769015004</b>		

Product Name	Qty	Grade
Solvent Dyes (solvent yellow 82 & orange 62)		
Details : <b>Prakash Patel</b> <b>NAVDURGA DYES &amp; CHEMICAL (Manufacturer)</b> <b>E-mail : <a href="mailto:navdurgadyes@gmail.com">navdurgadyes@gmail.com</a></b> <b>Mobile : 9022673905</b>		

Product Name	Qty	Grade
Sanitizing Alcohol Swabs 70 percent IPA / 67-63-0 / 3005 / Isopropyl Alcohol / 70 percent / Medical	Bulk	Medical
Details : <b>Sameer Makhija</b> <b>Mak Medicals Private Limited (Manufacturer)</b> <b>Email : <a href="mailto:makmedicalsltd@gmail.com">makmedicalsltd@gmail.com</a></b> <b>Mobile : +91-987-140-8777</b>		

Product Name	Qty	Grade
Inorganic Salts		
Details : <b>Santosh Thakre</b> <b>S S Fine Chem Laboratories (Manufacturer)</b> <b>Email : <a href="mailto:ssfinechemlaboratories@gmail.com">ssfinechemlaboratories@gmail.com</a></b> <b>Mobile : +91-986-777-4142</b>		

Product Name	Qty	Grade
Borax	Bulk	
Details : <b>Sandip Agarwal (Distributor)</b> <b>Supreme Borochem Private Ltd</b> <b>E-mail : <a href="mailto:sandip@sbpl.co.in">sandip@sbpl.co.in</a></b> <b>Mobile : +91-983-100-1334</b>		

Product Name	Qty	Grade
General Tablets and Liquid Syrup		
NSAIDs		
Cough syrup		
Narcotics formulation		
Antibiotics		
Details : <b>Nirav Patel</b> <b>Indamed Pharmaceuticals Pvt. Ltd. (Manufacturer)</b> <b>Email : <a href="mailto:indamedpharma@yahoo.co.in">indamedpharma@yahoo.co.in</a></b> <b>Mobile : +91-968-787-7922</b>		



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## Printer and Publisher:

Parimal Parikh

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[www.chemicalmarket.net/magazine/subscribe](http://www.chemicalmarket.net/magazine/subscribe)

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## Leads Platform Subscription:

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## Advertise with us:

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## Printed at:

### Alco Corporation

A-Wing, Gala No 28, Virwani Industrial Estate, Vishveshwar Nagar Road, Goregoan (East), Mumbai - 400063

### DCM Media Office Address:

DCM Media Private Limited  
513, Lotus Business Park, Ram Baug, Chincholi, Off S. V. Road, Malad West, Mumbai - 400064

**Phone:** 98196-44048 / 91-877-9830330

## Designer:

Pranisha P. Jadhav

## Published by

**Parimal B. Parikh** at

401/C Himachal Bldg, Opp. Sunder Nagar, S.V.Road, Malad (West), Mumbai 400064.

Mobile: 91-87798-30330

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# CHEMICAL MARKET

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

## Are we back to Pre-Covid level? Boom or Bust?

Today, I want to highlight the importance of Twitter as a social media for the chemical industry. You might have recently been aware of how important people like Donald Trump, Elon Musk, Our beloved PM and several celebrities have been using Twitter as a primary way to use social media to point out important announcements. We too being a media company want you to like and follow us on Twitter and other social media like Facebook and LinkedIn.

I personally feel LinkedIn is for professionals and hugely beneficial for connecting with important people in the industry and Twitter is an important medium as it highlights news and information which comes directly from the source. Twitter usually had no fake news as it truly comes from the company themselves. So go ahead and be a part of the social media platform. There is no way you can ignore it if you want to be on a global scale and connect with important people and personalities.

There have been a lot of positive earnings releases from chemical companies and they have been doing great. Well how long will the bull-run go on? The things are back to normal with business back to pre-Covid level and higher. The travel buzz is on everyone's mind with holiday season coming up after celebrating the big Diwali being more of a family thing. The month of November and December is more open for travelling.

The resorts, hotels and airfares have shot up considerably as the vaccination rate has improved and passed the 1 cr mark. Malls are getting back to normalcy with the shopping season and Thanksgiving deals back to stores. The only issue here is logistics and supply chain. Are the shelves going to be fully stacked? Based on the current consumption levels, so far its good. Will there be inflation rising the prices of goods and services? Only the next two-three months will tell if things are going to be normal again and the next year going to be boom or a bust.

The Climate summit "The Glasgow Climate Pack", the final draft from the 26th Conference of the Parties (COP26), was passed by almost 200 countries on 13th November, as negotiations went past the Friday closing of the conference. The final text included language to reduce the use of fossil fuels,

phase out subsidies for fossil fuels and transition countries to using more renewable energy sources like solar and wind, Axios and the Washington Post reported. The pact however does not hold wealthy countries to specific financial commitments to help poorer countries, which have been and are the most devastated by climate change.

The language was removed from the draft overnight and in response, China and India watered down the language from phasing out to phasing down. With this there was disappointment among the wealthy nations, but according to some leaders from the poorer countries, unless the wealthier nations are held accountable for the climate change and create a financial backing for poorer countries which has been suffering from the impact of climate change, there is nothing but disappointment. So there will be further escalation next year till than everyone will try to prevent the earth's temperature rise from 2.4 degree Celsius.

On the other hand, companies making electric cars are being punished by the oil giants and have tried and been trying to bring down the world's most admired company Tesla which provides a way and means to reduce the use of fossil fuels and harness the biggest nuclear reactor The Sun from using the solar energy and store them in batteries for use later. There have been several small and big companies trying to level up with Tesla which has reached a point where it is really difficult to compete with.

The automobile sector is on a cusp of a revolution and we have been eyeing companies here in India like Aether and Tata Motors who have been successful so far in the electric bikes and car segments.

-Rajiv Parikh



# Chromaflo Technologies Launches Innovatint Paint Tinting Software Update

**A**SHTABULA, Ohio, Oct. 14, 2021 / APNewswire/ -- Chromaflo Technologies, the premier global provider of colorant technology solutions, has launched an updated version of Innovatint, setting a new standard in point-of-sale (POS) paint tinting software.

Chromaflo's Innovatint is widely accepted as the benchmark for managing POS integrated software tinting in the paint and coatings industry. Innovatint 4, the latest update, is built to empower paint and coatings companies to meet the need for greater color accuracy, speed and service of tinted paints as retailers move to supply paint on demand to end users.

The newly designed Innovatint 4 user interface offers the simplest and most efficient way to operate tinting machines, match new colors and maintain a paint

color library. All database and software updates are now cloud driven for POS operations, eliminating the need for a physical software installation in each individual store; this guarantees current information and ensures that related costs are kept to a minimum. Current Innovatint 3 customers can easily upgrade to Innovatint 4 and instantly integrate with the cloud-based server.

Innovatint 4 improves upon existing software functionalities and offers new features, including a maintenance ticketing system, freshly designed statistics and label creation implements. The new Resource Manager is a next-level system management tool, giving coatings companies direct vision of their market in terms of paint base usage, maintenance, statistics and license management, enabling paint retailers to better monitor colorant inventories, stay ahead of po-

tential equipment downtime and make proactive decisions.

"Innovatint's success has been defined by our capability to bring powerful innovations, driven by a fast response to customer feedback and anticipation of market needs for improving POS tinting," said Ramon Lozada, Industry Manager – Architectural and Innovatint, Chromaflo Technologies. "With Innovatint 4, Chromaflo continues to offer our customers quality, consistency and a wide color offering."

Read the full report : <https://chromaflo.com/>

If you want your report abstract to be published please contact [Info@dyeschemicalmarket.com](mailto:Info@dyeschemicalmarket.com)

# Global Architectural Coatings Market Report 2021-2026 - Architectural Coatings Anticipated to Grow Despite Slowdown in Global Construction Industry

**G**lobal market for Architectural Coatings estimated at US\$59.6 Billion in the year 2020, is projected to reach a revised size of US\$79.5 Billion by 2026, growing at a CAGR of 4.9% over the analysis period.

Acrylic, one of the segments analyzed in the report, is projected to grow at a 5.5% CAGR to reach US\$50.2 Billion by the end of the analysis period. After a thorough analysis of the business implications of the pandemic and its induced

economic crisis, growth in the Alkyd segment is readjusted to a revised 4.8% CAGR for the next 7-year period.

This segment currently accounts for a 12.5% share of the global Architectural Coatings market. The rising use of acrylic resins for manufacturing architectural coatings of panels, windows, and exterior and interior walls is significantly driving the demand for these resins. Alkyd based coatings also enjoy strong demand and are expected to

register fast-paced growth, due to their use in metal packaging and industrial wood applications. These coatings are employed in sealers, fillers, and caulks, owing to their flexibility with regards to formulation.

Demand in the global market is being fueled by the growing base of commercial buildings globally. Further, the rising use of coatings in the interiors of buildings is also aiding market growth. Renovation activity along with building



& construction projects in commercial, industrial and residential sectors are creating strong demand for architectural coatings.

Architectural coatings demand will especially be on the rise in countries such as China and India, owing to fast-paced urbanization and the expanding construction sector. In recent years, there has been a migration to solvent-free coatings from high and low volatility organic solvents, due to the former's lower emissions.

The strict regulations related to VOC emissions are anticipated to foster demand for eco-friendly coatings such as water-based coatings. In recent years, the demand for powder coatings is increasing due to their benefit of not having any liquid carrier and producing thicker coatings with no sagging. Pow-

der coatings are free of solvents and release minimal amounts of VOC in the air.

### **The U.S. Market is Estimated at \$12.4 Billion in 2021, While China is Forecast to Reach \$17.3 Billion by 2026**

The Architectural Coatings market in the U.S. is estimated at US\$12.4 Billion in the year 2021. The country currently accounts for a 20.14% share in the global market. China, the world's second largest economy, is forecast to reach an estimated market size of US\$17.3 Billion in the year 2026 trailing a CAGR of 6% through the analysis period.

Among the other noteworthy geographic markets are Japan and Canada, each forecast to grow at 3.7% and 4.9% respectively over the analysis period. Within Europe, Germany is forecast

to grow at approximately 3.7% CAGR while Rest of European market (as defined in the study) will reach US\$18.4 Billion by the end of the analysis period. Asia-Pacific region is the dominant market, led by China and India, on account of the existence of several leading companies in the region. With most manufacturers moving their production to Asia on account of relatively lesser labor costs, market growth is expected to be strong. North America is another key architectural coatings market, driven by rising renovations and building reconstructions.

Read the full report : <https://www.researchandmarkets.com/r/vc3et1>

If you want your report abstract to be published please contact [Info@dyeschemicalmarket.com](mailto:Info@dyeschemicalmarket.com)

## **Byers Scientific Announces Strategic Partnership With Dutch Innovative Technology Venture, VFA Solutions**

**B**LOOMINGTON, Ind., Oct. 19, 2021 /PRNewswire/ -- Byers Scientific, a globally recognized leader in odor mitigation systems, recently announced their strategic partnership with Dutch innovative technology leaders, VFA Solutions. With the integration of VFA Solutions' patented ASPRA technology, the Byer's Scientific MT-6™ Molecular Filtration System stands to set new industry standards for efficacy and efficiency.

When it comes to industry-leading odor control solutions, Byers Scientific is no stranger to innovation. The MT-6™ Molecular Filtration System already delivers best available control technology (BACT) with unprecedented energy efficiency, providing 6,000 CFM at just 2.8 amps/480v. When paired with Byers Scientific's patented waterless vapor-phase systems, the system has been lauded as the "gold standard for odor control."

Byers Scientific's newest innovation partner is Dutch technology venture, VFA Solutions. They specialize in developing clean, healthy, and green technologies in the field of indoor air quality (IAQ) and filtration.

VFA Solutions' patented ASPRA® air purification technology is a revolutionary application. The highly efficient system achieves up to E12-H13/HEPA classification (according to NEN-EN 1822 and DIN EN ISO 29463-5:2019 standards) without using a HEPA filter. As a result, the ASPRA is more cost-effective, creates less waste, and delivers substantial energy savings compared to conventional filters.

"Since launching the MT-6™ Molecular Filtration System, we've had three thoughts top of mind: how do we make it more efficient, more effective, and more sustainable?" says Byers Scientific's

founder and President, Marc Byers. "We found an answer in this partnership, and we couldn't be more excited to keep pushing the industry forward."

The applications for the improved MT-6™ are innumerable. As a custom equipment manufacturer, Byers Scientific can engineer systems for greenhouses, indoor, warehouse, manufacturing, processing and trimming facilities, and more. With scalability from 2,000 to 6,000 CFM, the MT-6™ with ASPRA technology purifies the air, improving indoor air quality (IAQ) and supporting workplace safety compliance while proactively controlling odors before they become a nuisance.

Read the full report : <https://byers-scientific.com/>

If you want your report abstract to be published please contact [Info@dyeschemicalmarket.com](mailto:Info@dyeschemicalmarket.com)



# Sabir Presents New Sabir Purecares™ & Trucircle™ Portfolios For Nonwovens At Index™ Expo

SABIC, a global leader in the chemical industry, has announced that the newly formed Hygiene & Healthcare segment of its Petrochemicals business will showcase its extensive portfolio of SABIC PURECARES™ polypropylene (PP) and polyethylene (PE) polymers for high-purity nonwovens and hygiene films at the upcoming INDEX™ Expo in Geneva, Switzerland, from October 19 through 22, 2021. The company's exhibit at Booth #2441 will also feature enabling solutions developed with partners to address the issue of plastic waste and support the transformation of the industry towards a circular economy with closed-loop initiatives and certified circular polymers under its TRUCIRCLE™ portfolio and services.

"Our new Hygiene & Healthcare market solution organization will aligns our efforts to support our customers' needs in this industry more effectively," says Abdullah Al-Otaibi, General Manager ETP & Market Solutions, SABIC Petrochemicals. "The new setup will drive tailored technology platforms and advanced product developments for customers who require this advanced, differentiated performance. At the same time, it will help us maintain and strengthen our competitive lead by accelerating the pace of innovation to respond to market trends more quickly."

**The INDEX Expo is the world's leading nonwoven event. More than 700 exhibitors from over 40 countries will be presenting their products, technologies and services on 50,000 m<sup>2</sup> of exhibition**

**space. "Global megatrends are pushing the hygiene industry to focus on solutions that combine enhanced consumer convenience and functionality with greater sustainability, and cost efficiency," states Hans Pierik, Global Business Manager, Hygiene & Healthcare Business. "We welcome the opportunity of this venue to showcase our new material technology and high-performance SABIC PURECARES portfolio, which is designed to meet current and future challenges, drive performance, enhance sustainability, and optimize consumer comfort in a dynamic business environment."**

During INDEX, SABIC will exhibit a wide range of PP polymers targeted at these needs. Highlights on display will include dedicated PP and PE grades for lightweight nonwoven fabrics using the latest spunbound and meltblown processes, and a new ultra-high melt flow PP product engineered for meltblown fibers in nonwoven fabrics.

The nonwoven focus will be complemented by industry proven polyolefins for cast and blown film applications in hygiene webs and laminates, providing desirable back and top sheet properties such as water tightness, breathability and elasticity.

In addition, SABIC will also present ISCC Plus certified fiber and film polymers based on circular and renewable PP and PE polymer technology as part of the company's TRUCIRCLE portfolio for advancing the transformation of the plastics industry from a linear to a truly circular economy. Examples of this comprehensive initiative include collaborations with various market leaders in the field. Together with Fibertex Personal Care, one of the world's largest manufacturers of spunbond nonwovens for the hygiene industry, SABIC is creating a range of high-purity nonwovens for the hygiene market using ISCC PLUS certified circular PP polymer derived from post-consumer plastic waste. In another project, Fraunhofer Institute, SABIC and Procter & Gamble (P&G) joined forces to develop and demonstrate the feasibility of an advanced close-loop recycling process for used nonwoven facemasks.

"The nonwovens industry needs innovative solutions to push the limits of quality, efficiency and performance while meeting demands for greater sustainability. Significant progress is being achieved through collaboration with value chain partners to enable the efficient recyclability of complicated plastic waste, including nonwoven hygiene materials," adds Hans Pierik. "Our SABIC PURECARES™ portfolio and TRUCIRCLE™ products are firmly committed to these ends, combining technology, nonwoven industry with our Chemistry that Matters™."

Source : Sabir



## AMGEN AND NEUMORA THERAPEUTICS ANNOUNCE STRATEGIC R&D COLLABORATION TO ACCELERATE NOVEL PRECISION THERAPIES FOR BRAIN DISEASES

THOUSAND OAKS, Calif. and WATERTOWN, Mass., Oct. 7, 2021 / PRNewswire/ -- Amgen (NASDAQ: AMGN) and Neumora Therapeutics, Inc. (Neumora), a clinical-stage biopharmaceutical company pioneering precision medicines for brain diseases, announced a strategic collaboration to advance neuroscience discovery, development and commercialization. The companies will collaborate on programs by applying Neumora's proprietary precision neuroscience platform to insights generated by Amgen's deCODE genetics and human data research capabilities. In addition, Neumora has received a \$100 million equity investment from Amgen and acquired exclusive global rights to develop and commercialize Amgen programs targeting casein kinase 1 delta and glucocerebrosidase for neurodegenerative diseases.

Neumora leverages proprietary multi-modal capabilities and technologies to integrate advanced computational data science with R&D to increase the probability of success of drug development in brain diseases. Neumora's precision neuroscience platform focuses on the creation of Data Biopsy Signatures™ to deconvolve the complex systems that drive brain diseases and connect the signatures to clinically meaningful measures to inform the development of therapeutics for an enriched patient population, or Precision Phenotypes™.

Amgen's deCODE genetics subsidiary is a global leader in analyzing and understanding human health and disease and has been at the forefront of the analysis of human data to enhance drug discovery and development. By leveraging these platform technologies and the complementary capabilities of both companies, the collaboration aims to discover unique and unprecedented insights into brain diseases across neuropsychiatric and neurodegenerative diseases, including schizophrenia and amyotrophic lateral sclerosis (ALS), ultimately leading to effective therapeutics targeted at patients most likely to respond to treatment.

***"Our collaboration with Neumora leverages both our unique capabilities from deCODE and Neumora's focus and expertise in brain diseases to discover and develop potentially best-in-class precision therapies," said David M. Reese, M.D., executive vice president of Research and Development at Amgen. "Although Amgen is not currently engaged in neuroscience research and early development internally, this approach addresses our commitment to remain engaged in neuroscience through external collaborations, and we are excited to work with Neumora to propel R&D for brain diseases into the future and advance promising new medicines."***

"This partnership with Amgen underscores the vast potential of precision drug development for brain diseases; insights generated by deCODE will further enhance Neumora's data-driven precision medicine approach," said Paul L. Berns, co-founder, chairman and chief executive officer at Neumo-

ra. "We are also excited to expand our pipeline with potential best-in-class programs targeting casein kinase 1 delta and glucocerebrosidase for neurodegenerative diseases. Neumora is poised to become a pioneer in precision drug development for brain diseases and we look forward to working with Amgen to advance promising new medicines for patients in need of better treatment options."

Source : Amgen

## ALLERGAN AESTHETICS LAUNCHES SERIES OF INITIATIVES TO SUPPORT BREAST CANCER AWARENESS

IRVINE, Calif., Oct. 11, 2021 / PRNewswire/ -- Allergan Aesthetics, an AbbVie company (NYSE: ABBV), is continuing its commitment to breast health, awareness, restoration, and research in support of breast cancer awareness month. For the month of October and into 2022, Allergan Aesthetics' The Power of You campaign will kick off a new series of initiatives and partnerships to support organizations creating a measurable impact in the fight against breast cancer.

**The Power of You supports women as they navigate breast cancer. The campaign showcases real women and their authentic stories of courage, strength, and community as they embark on their journeys**



**ahead. "Allergan Aesthetics is about empowering confidence in people every day. Through our Breast Cancer Awareness work, we are dedicated to educating women on their choices, and supporting women for what's ahead," says Carrie Strom, Senior Vice President, AbbVie, and President, Global Allergan Aesthetics.**

Starting October, Breast Cancer Awareness Month, and into 2022, Allergan Aesthetics will launch the following initiatives:

- **GOLDSHEEP: Limited Edition Breast Cancer Awareness Capsule Collection (October)** – In partnership with Allergan Aesthetics and Keep A Breast, the athleisure brand, will launch their coveted #ISweat-Pink capsule collection including co-branded designs. 100% of the net proceeds from the limited-edition collection will be donated to Keep A Breast, an organization dedicated to educating women on Breast Cancer prevention and early detection. To contribute to the cause, Allergan Aesthetics will make an additional sponsorship of \$10,000. Link to purchase [HERE](#).
- **VIRTUAL FUNDRAISER: Bust A Move (October 16th)** - Allergan Aesthetics will be partnering with Bust A Move for a series of live classes on the Peloton® app that consumers can join throughout the day. The organization's mission is to increase awareness of the differences in breast cancer in African American, Latina and younger populations. 100% of the money raised will go to four (4) different breast cancer organi-

zations with an additional \$50,000 by Allergan Aesthetics. Share, tag and challenge friends on social using #BUSTAMOVE. Link to sign up [HERE](#).

- **PROJECT RESTORED:** Book Launch (November 15th & 16) – Restored, a book by Erez Sabag and David Warren in collaboration with Jonathan Bank, MD and Ron Israeli, MD, illustrates the power of breast reconstruction by following twelve women's journeys. Sponsored by Allergan Aesthetics, 100% of the profits from the sale of the book will go to the AiRs Foundation. The project will host a two-day exhibit in New York City featuring photographs, video, and the women's life cast sculptures to launch the book. To learn more please visit, [restoredexhibit.com](http://restoredexhibit.com)
- **LADY: The Film (Fall 2022)** – Supported by Allergan Aesthetics, the film is based on actress Devin Sidell's personal story about testing positive for the BRCA1 mutation and her preventative surgeries and breast reconstruction. A dramedy-fantasy, it addresses complicated medical decisions, family relationships, and ultimately, the choice to put yourself first. Link for more information [HERE](#).

Allergan Aesthetics' year-round mission to support Breast Cancer Awareness also includes the Sisters Network BCAP Program & Stop the Silence Walk, Pink Lemonade Project MBC Educational Webinar (April 2021), LBBC Reach and Raise (May 2021), BCRC Art Bra Austin Virtual Runway Show (June 2021) and continued partnership in the Komen More Than Pink Walks in Orange County, Austin, San Francisco, New Jersey and Chicago.

Source : Abbvie

**FDA ADVISORY COMMITTEE RECOMMENDS USE OF INVESTIGATIONAL DRUG MARIBAVIR (TAK-620) TO TREAT POST-TRANSPLANT RECIPIENTS WITH CYTOMEGALOVIRUS (CMV) INFECTION AND DISEASE REFRACTORY TO TREATMENT WITH OR WITHOUT RESISTANCE**

- If approved by the FDA, maribavir will be the first and only treatment indicated for adults in this patient population
- CMV is one of the most common infections experienced by transplant recipients, with an estimated incidence rate of around 16–56% in solid organ transplant (SOT) recipients and 30–70% in HSCT recipients<sup>3,7</sup>
- Regulatory submission is based on the Phase 2 and Phase 3 TAK-620-303 (SOLSTICE) trial of maribavir
- Maribavir is one of four Wave 1 pipeline new molecular entities that Takeda has submitted for regulatory review to date

**O**SAKA, Japan and CAMBRIDGE, Mass. October 7, 2021 – Takeda Pharmaceutical Company Limited (TSE:4502/NYSE:TAK) (“Takeda”) today announced the U.S. Food and Drug Administration (FDA) Antimicrobial Drugs Advisory Committee (AMDAC) voted unanimously to recommend use of maribavir (TAK-620) for the treatment of refractory cytomegalovirus



(CMV) infection and disease with genotypic resistance to ganciclovir, valganciclovir, foscarnet or cidofovir in transplant recipients. The committee also voted unanimously to recommend use of maribavir for the treatment of refractory CMV infection and disease without genotypic resistance to ganciclovir, valganciclovir, foscarnet or cidofovir in transplant recipients. Both recommendations were based on the results of the Phase 2 and Phase 3 TAK-620-303 (SOLSTICE) trials.

“Today’s vote in favor of our investigational antiviral drug marks a significant step towards delivering the first approved treatment for adult transplant recipients with refractory CMV infection and disease, with or without resistance,” said Obi Umeh, MD, Vice President and Maribavir Global Program

Leader at Takeda. “We look forward to working with the FDA as it completes its review of our application.”

AMDAC also heard from patients, advocates, and healthcare providers in the public forum discussion who underscored the need for new treatment options for this patient population.

The New Drug Application (NDA) for maribavir is currently under Priority Review by the FDA. The FDA will consider the vote as part of its review of the NDA and is not bound by the AMDAC’s recommendation. The NDA submission is based on the pivotal Phase 3 TAK-620-303 (SOLSTICE) trial.

**“The treatment of CMV in patients who have undergone a solid organ or stem**

**cell transplant is complicated, especially in patients who have failed standard treatment and who may be at risk for side effects from currently available medications,” said Dr. Emily Blumberg, Director, Transplant Infectious Diseases, Penn Medicine. “I am excited about the potential for an additional treatment option for post-transplant patients with CMV.”**

Source : Takeda

## CHEMICAL TECHNOLOGY

### A CUT ABOVE THE REST – DIAMOND WIRE TECHNOLOGY MADE WITH BASF’S ELASTOLLAN® TPU PROTECTIVE COVERING

- Protective coverings made with Elastollan® more sustainable owing to their durability against wear & tear, abrasion, and frictional heat
- With a good balance of flexibility and rigidity, Elastollan helps hold in place segments affixed with diamond pieces, spread evenly over the wire

Mumbai, India – October 8, 2021 – BASF’s Elastollan® thermoplastic polyurethane (TPU) is now used as a

more durable protective covering in diamond wire technology to cut hard materials such as granite and marble. Segments affixed with diamond pieces for heavy-duty sawing, and spread evenly over the wire, are also kept in place owing to Elastollan’s flexibility and rigidity. Elastollan, which helps extend the shelf life of the protective covering in diamond wire technology, is consequently a more sustainable option.

“Demand for the diamond wire technology is rising due to its ability to offer enhanced surface finish and high precision. As the sawing wire speed is key in the precise and efficient cutting of hard materials, the covering of the wire and wire spring is a critical part of the diamond wire technology,” said Mr. Nirav Shah, Manager, Sales, Vimal Intertrade Pvt. Ltd, BASF’s channel partner for the single and multiwire diamond cutting tools market. “Unlike conventional materials, Elastollan provides a protective layer that is more durable against the

intense heat generated by the high-speed cutting motion. Elastollan, applied by injection molding, is particularly effective in keeping the segments in place, by effectively filling in the gap between the core wire surface and the inner diameter of the segments. Additionally, the specialized Elastollan grade offers an optimum balance between mechanical and hydrolysis resistance, which is particularly beneficial where water jets are used to reduce frictional heat or wash away debris from sawing.”

The diamond wire technology runs at high speeds and tension to cut hard materials with precision and minimal noise. The protective covering protects the wire between the segments from wear and tear caused by abrasion and heat. It also holds the segments firmly in place.

“The global diamond tools industry is a niche but growing market, owing to the precision of the technology, which



enables cutting of hard materials with minimal wastage and maximum yield. As such, the demand for its use is growing in construction, photovoltaic, semiconductor industries,” said Marilyn Lye, Vice President, Business Management Industrial, Performance Materials Asia Pacific, BASF. “We are excited to enable the development of the diamond wire technology with our Elastollan protective covering, as well as contribute to the sustainable growth of the dynamic industries, such as the renewable energy photovoltaic industry.”

**Elastollan is already used in other heavy-duty applications such as elevator wires and electric vehicle charging cables. Owing to its outstanding abrasion resistance, coupled with excellent mechanical strength and flexibility, as well as its strong chemical resistance, Elastollan helps extend the life of charging cables and ensures a stable, safe power flow in electric vehicles.**

The global Diamond Wire market is valued at 1.3 billion USD in 2020 is expected to reach 14 billion USD by the end of 2026, growing at a CAGR of 40.0% during 2021-2026. (Source: Market-Watch)

This diamond wire cutting technology is well demanded in the photovoltaic and semiconductor industries. In the photovoltaic industry, the diamond wire technology can reduce cutting time by up to 50%, lowering manufacturing costs. In the semiconductor industry, the diamond wire technology - which can cut more accurately than other traditional methods - enables thinner wafers.

Diamond wire technology is available as

single or multi-wire, depending on the cutting task required. Machines with multi-wires can contain up to 90 sets of wires in one run.

Source : BASF

## RELIABLE PARTNER FOR THE PHARMACEUTICAL INDUSTRY AND FINE CHEMISTRY

With its comprehensive service range based around the exclusive synthesis of chemical agents and intermediates, Saltigo GmbH, a globally active subsidiary of the specialty chemicals company LANXESS, will be at CPhI Worldwide 2021, which will take place in Milan, Italy, from November 9 to 11. In addition to the agrochemical industry, customers of the Leverkusen-based specialist in exclusive synthesis include pharmaceutical companies and buyers of fine chemicals.

Focus on quality and delivery reliability In relation to precursors and intermediates for the pharmaceutical industry in particular, where consistently high quality and high delivery reliability are key, Dr. Christoph Schaffrath, Head of Marketing and Sales at Saltigo, also sees good market opportunities for the future. “For a long time now, we have had an ongoing working relationship with numerous pharmaceutical companies who value our reliability and expertise,” he explains. One example of such a precursor is 1,2,4-(1H)-triazole, which is not produced exclusively and is used to make an antiviral active ingredient for oral application. 1,1'-carbonyldiimidazole is also widely used in coupling reactions in the process of making pharmaceutical active ingredients.

In the area of exclusive synthesis, it is the core competencies of Saltigo in

particular, including hydrogenation in a pressurized environment and at high temperatures or catalyzed coupling reactions that attract a high level of interest from customers. Services such as process development, pilot testing, analytics and supporting customers through the registration of new substances complete the portfolio.

**“Customer, technology and project need to be a good fit”**

Synthesis steps under clean room conditions, at low temperatures, with complex reagents or in an inert gas atmosphere, as they are frequently encountered in the process for making active ingredients, also play an important role in other areas. This enables synergies to be exploited in respect of expertise as well as the technologies involved.

**For example, a current field of activity at Saltigo in the fine chemistry sector is electrolytes for lithium-ion batteries. “Thanks to our broad-based technological expertise, we are extremely well positioned there too. Generally, the industry is less important than the customer, technology and project being a good fit,” says Dr. Michael Zobel, Chief Executive Officer of Saltigo GmbH, with conviction. Organic redox flow batteries could open up further prospects in the future as soon as the technology is market-ready. Redox-active electrolyte systems are required for this. “In this context, various substances are currently being tested for their suitability, and we can well imagine supporting appropriate manufacturers from scaling up the laboratory regulations up to production for the market launch and beyond,” explains Schaffrath.**

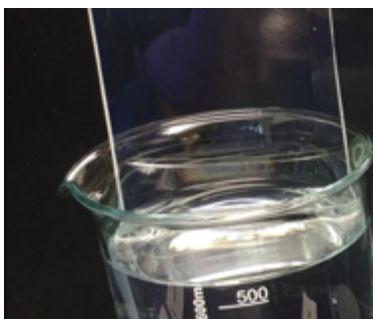
Detailed information about the comprehensive range of services offered by Saltigo in the area of exclusive synthesis can be found online at <https://saltigo.com/>.

Source : Lanxess



### NEW CLARIANT POLYMERIC EMULSIFIERS SUPPORT WATER- RESISTANT LEACH- RESISTANT ACRYLIC PAINTS

- Crystal clear, whitening-free: achieve stable acrylic & styrene acrylic binders with outstanding water resistance
- Improves leaching resistance
- Production benefits: minimal coagulation gives a smoother binder production run



Muttenz, October 14, 2021 – Clariant unveils two innovative reactive emulsifiers for polymeric binders – Emulsogen® CPA 100 XS and Emulsogen CPN 100 XS - to help paint makers achieve architectural coatings offering outstanding water-resistance and greater resistance to dirt pick-up and snail trails.

**Clariant's new emulsifiers firmly "anchor" to pure acrylic or styrene acrylic binders to create stabilized, outstandingly hydrophobic, small-particle binders. They prevent emulsifier migration that would typically impair key attributes such as paint water resistance and substrate adhesion, or**

**cause unsightly aesthetic defects like snail trails and dirt pick-up, boosting chances for coatings manufacturers to address latest requirements.**

"Dirt pick-up and leaching resistance are increasingly demanded of today's exterior architectural coatings. Although influenced by various factors, an acrylic or styrene acrylic binder that is less sensitive to water uptake will form

a tightly-sealed film able to retain ingredients and protective qualities. Without emulsifier leaching to contribute adverse effects to the paint performance, there's much less chance for unwanted snail trails etcetera to occur. In testing, our new anchored emulsifiers deliver whitening-free, clear films compared to alternatives, an industry-recognized sign of a higher quality, water-resistant binder to advance higher-performing paints and fewer defects," comments Sebastian Prock, Global Marketing Segment Leader Industrial Applications at Clariant.

On top of paint benefits, Clariant's new emulsifiers bring the advantages of a smoother, less disrupted binder production process. Because the binder has smaller, stabilized particles, there is less clogging or coagulation from large particles to cause slower stirring or a need for frequent cleaning breaks.

Source : Chemical Market

**TORAY TO  
COMMERCIALIZE**

### IMPRIMA™FR WATERLESS PRINTING PLATE FOR CARBON- NEUTRAL FLEXIBLE PACKAGING

Tokyo, Japan, October 12, 2021 – Toray Industries, Inc., announced today that it will launch the IMPRIMA™-FR waterless printing plate for flexible packaging materials later this month. This product should slash carbon dioxide (CO2) emissions and contribute to carbon neutrality in the growing flexible packaging materials market while helping to improve printing quality and lower printing costs.

**IMPRIMA™ is the European brand name for the Toray Waterless Plate™, which is free of dampening water containing volatile organic solvents during printing process and does not discharge alkaline processing liquid waste during plate making. More than 1,500 printing companies in 50 countries have adopted this Toray technology in recognition of its eco-friendly performance.**

IMPRIMA™FR delivers high resolution and beautiful gradations in printing by leveraging Toray's proprietary nano-structure and interface control technologies. It also lowers printing costs because this printing plate material costs less than the counterparts of conventional flexible packaging printing



processes.

Flexible packaging materials are film materials used for packages for food and other products. Currently gravure (Glossary 1) and flexographic (Glossary 2) processes predominate in printing these materials. A drawback is that these setups consume a lot of printing ink incorporating organic solvents and thereby, consume energy and emit CO<sub>2</sub> when thermally drying these solvents and when treating waste gas generated. This situation has driven the adoption of offset printing (Glossary 3) that is free of organic solvents and employs printing



inks that is cured with electron beam or ultraviolet processes that consume less energy.

Toray produced estimates based on Product Category Rule PA-BC-02, the Japan Federation of Printing Industries' calculation standard for plastic containers and packaging. The estimate confirmed that CO<sub>2</sub> emissions from employing IMPRIMA™ FR with flexible packaging printing are up to more than 80% below those from gravure printing and more than 60% lower than those from flexographic printing. Furthermore, applying electron beam curing printing ink enables Toray's process to comply with restricted substances list requirements, which are becoming increasingly stringent for food packaging.

The Toray Group Sustainability Vision and Toray Vision 2030 state the company's commitment to helping resolve environmental, resources, and energy issues through business. Toray will con-

tinue to develop advanced materials and processes in line with its commitment to innovating ideas, technologies, and products that deliver new value.

Source : Toray

## AIRNOV SHOWCASES NEW BRAND AND NEW PRODUCTS FOR THE FIRST TIME AT US TRADESHOWS

- Airnov excited to introduce branding at tradeshows for the first time in US since launch in February 2020
- New offerings in the laser-marked canister, Aroma-Can®, and EQius product lines lead the way at SupplySide West 2021

October 21, 2021 – Airnov Healthcare Packaging marks its new



branding debut at US tradeshows with this year's SupplySide West in Las Vegas, NV.

A leader in controlled atmosphere systems, Airnov is excited to showcase several products targeted at the nutraceutical market.

**Airnov's 1-gram laser-marked canister launched late last year. The new canister does away with labels, inks, adhesives,**

**and varnishes by utilizing high-power laser technology to mark canisters through a photochemical effect that results in a permanent, legible marking. In addition to increasing product safety by eliminating extraneous materials, the new marking system reduces waste and the carbon footprint of Airnov's canister line. At SupplySide West, Airnov will showcase the new 2- and 3-gram versions of the laser marked canister, scheduled for launch in Q3 of 2022.**

Another tool in Airnov's arsenal to protect and enhance nutraceutical products is the Aroma-Can scented canister. This innovative canister uses natural flavors molded into a plastic canister for high-speed insertion. The flavors can cover unwanted odors in products such as fish oil or enhance the user experience by adding scents to vitamins and probiotics. This year saw the addition of mint and strawberry to the core flavors of orange, lemon, and vanilla.

Airnov's EQius® equilibrium stabilizers keep natural and herbal products safe by acting as a desiccant when the humidity is high and a humectant when the humidity is low. This innovative solution maintains the relative humidity inside customer packaging for products that can become damaged if the internal packaging environment is too dry or moldy if the humidity is too high. The pre-conditioned canisters and packets come in a range of sizes and humidity levels to meet your product's specific needs.

Source : Chemical Market



### DKSH AND WACKER METROARK CHEMICALS EXTEND DISTRIBUTION AGREEMENT FOR INDIA

**DKSH and Wacker Metroark Chemicals, the India-based chemical company, have extended their existing distribution agreement to include Wacker's polyurethane product range in India.**

Mumbai, October 7, 2021 – DKSH's Business Unit Performance Materials, a leading distributor of specialty chemicals and ingredients, will provide marketing and sales as well as distribution and logistics for Wacker Metroark Chemicals' polyurethane foam product range in India.

Based on a highly successful cooperation with Wacker Metroark Chemicals, started in 2018, for its silicones for personal care applications, DKSH now adds Wacker's silicones, amine catalysts, and tin catalysts for polyurethane foam, rigid foam, and flexible foam manufacturing, to its polyurethane product portfolio in India.

Soumitra Ranjan Mukherjee, Managing Director, Wacker Metroark Chemicals, India, commented: "DKSH has an extensive capillary distribution network and is technically very sound with good relationships in the polyurethane market in India. We have strengthened our relationship by partnering with DKSH, preparing for a big leap in the coming years and to grow our market share in the polyurethane business."

Atul Nagarkar, Managing Director, DKSH India, added: "It is a great pleasure that we extend our agreement with Wacker Metroark Chemicals in India. With our market coverage of the spe-

cialty chemicals industry and our successful experience in global distribution, we are looking forward to bringing the high-quality polyurethane products and core supporting solutions of Wacker Metroark Chemicals to our extensive customer base."

Source : Chemical Market

### RALPH LAUREN AND DOW OPEN-SOURCE NEW PROCESS TO TRANSFORM HOW THE FASHION INDUSTRY DYES COTTON

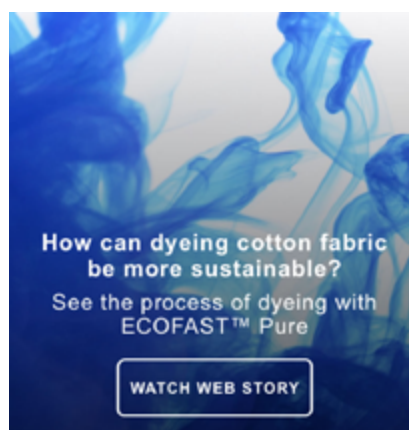
MIDLAND, MI and NEW YORK, NY – October 13, 2021 – Dow (NYSE:DOW) and Ralph Lauren Corporation (NYSE:RL) today released a detailed manual on how to dye cotton more sustainably and more effectively than ever before using ECOFAST™ Pure Sustainable Textile Treatment. With this manual, Ralph Lauren and Dow are open-sourcing this improved dyeing process to encourage adoption in the textile industry and help standardize a more sustainable and efficient cotton dyeing system for positive environmental impact.

The co-developed, step-by-step manual details how to use ECOFAST™ Pure, a cationic cotton treatment developed by Dow, with existing dyeing equipment. Ralph Lauren, the first brand to use ECOFAST™ Pure, partnered with Dow to optimize and implement the technology in its cotton dyeing operations as

part of its new Color on Demand platform.

Conventional fabric dyeing processes require trillions of liters of water each year, generating roughly 20% of the world's wastewater.<sup>1,2</sup> Pretreating fabric with ECOFAST™ Pure helps significantly reduce the amount of water, chemicals and energy needed to color cotton, by enabling up to 90% less process chemicals, 50% less water, 50% less dyes and 40% less energy without sacrificing color or quality.<sup>3</sup>

"As fashion supply chains look to recover from impacts of the pandemic, there is a critical window to build more sustainable practices into production processes," said Mary Draves, Chief Sustainability Officer at Dow. "By collaborating today to scale a less resource intensive dyeing process, we can help address pressing challenges, like climate change and water resiliency, in the long-term."



"If we want to protect our planet for the next generation, we have to create scalable solutions that have never been considered before. This requires deep and sometimes unexpected collaboration and a willingness to break down the barriers of exclusivity," said Halide Alagöz, Chief Product & Sustainability Officer

at Ralph Lauren. "We are proud to have partnered with Dow on this innovation and to share it openly with our industry, with the hope that it will help transform how we preserve and use water in our global supply chains."

**Ralph Lauren began integrating Color on Demand into its supply chain**



**earlier this year and first launched product utilizing ECOFAST™ Pure as part of the Company's Team USA collection for the Olympic & Paralympic Games Tokyo 2020. Designed to help address water scarcity and pollution caused by cotton dyeing, Color on Demand is a multi-phased system with a clear ambition to deliver over time the world's first scalable zero wastewater cotton dyeing system. By 2025, the brand aims to use the Color on Demand platform to dye more than 80% of its solid cotton products.**

Source : DOW

## **AIR LIQUIDE AND FAURECIA ANNOUNCE A DEVELOPMENT AGREEMENT TO BOOST HYDROGEN FOR HEAVY-DUTY VEHICLES**

Air Liquide and Faurecia today announce the signature of a joint development agreement to design and produce on-board liquid hydrogen storage systems for the automotive industry. Through this technology partnership, the two companies will accelerate the deployment of zero-emission heavy-duty mobility.

Particularly well-suited for long-haul applications, liquid hydrogen storage for fuel cell vehicles has a key role to accelerate the transition toward carbon neutrality. With this technology, the amount of hydrogen stored is double that of gaseous hydrogen. As a consequence, heavy duty trucks operating on liquid hydrogen have twice the autonomy of those operating on gaseous hydrogen, and benefit from a short refueling time and optimized payload.

The partnership will leverage the companies' complementary competencies from their respective core businesses which will be fundamental to accelerate



the technology's time-to-market. On one side, Air Liquide will bring its recognized expertise across the entire liquid hydrogen value chain, including extreme cryogenics, storage technology, refueling interface and infrastructure know-how. On the other side, Faurecia will bring its architecture and systems integration expertise, its recognized skill in automotive testing and simulation, its global automotive industrial know-how and footprint, as well as its strong intimacy with vehicle manufacturers.

**Benoît Potier**, Chairman and Chief Executive Officer of Air Liquide, declared:

**"Momentum is building around hydrogen, generating worldwide interest. In this context, players from many different sectors are joining forces to unlock the potential of hydrogen.**

**Our partnership with a world leader such as Faurecia aims to accelerate the development of hydrogen mobility focusing on the heavy-duty market, for which hydrogen is particularly suited. Thanks to its innovation capacity and expertise, Air Liquide is contributing to the development of hydrogen eco-**  
**systems on the entire hydrogen value chain. In line with our sustainability objectives, our ambition is to contribute actively to the emergence of a low carbon society."**

**Patrick Koller**, Chief Executive Officer of Faurecia, added:

"This partnership is the first milestone of a great journey with Air Liquide, a best-in-class partner in the field of hydrogen. Teaming up these two complementary hydrogen specialists will enable the development of cutting-edge liquid hydrogen storage technologies for heavy mobility with a rapid time-to-market." By 2030, fuel cell vehicle production could represent 2.5 million vehicles, of which 20% could be commercial trucks. Due to intensive usage, by 2030, heavy-duty vehicles could represent close to 60% of the hydrogen consumption for mobility markets.

Source : Air Liquide



## DKSH EXPANDS ITS FIELD MARKETING BUSINESS THROUGH THE ACQUISITION OF STP IN AUSTRALIA

DKSH has signed an agreement to acquire the Australian Field Marketer STP, strengthening its Field Marketing capabilities in Asia Pacific.

Zurich, Switzerland, October 5, 2021 – DKSH has signed an agreement to acquire STP, a Field Marketing provider based in Australia. Following the acquisition of Crossmark in Australia and New Zealand in 2020, this transaction further solidifies DKSH's Field Marketing expertise in the region and is in line with the acquisition strategy of expanding in higher value-added businesses in Asia Pacific.

Field Marketing is a key service that DKSH has been providing in Asia through its joint venture DKSH Smollan since 2009. It includes higher value-added offerings that increase the demand for products right at the point of sale and provide clients with attractive growth opportunities. The individual services range from advisory, sales and retail execution, marketing solutions, technology to eCommerce. Since its initiation, the joint venture has become the leading Field Marketing provider with a regional coverage in eleven markets in Asia Pacific.

STP was founded in 2009 and is headquartered in Sydney, Australia. The company employs around 160 field marketers and is focused on marketing and merchandising services to the grocery channel. STP's business generates net sales of around CHF 5 million<sup>1</sup> at good profitability and return on cap-

ital. DKSH is acquiring 100% of this business funded by cash. The acquisition is immediately earnings accretive for DKSH. The management team of STP and its employees will join DKSH's Business Unit Consumer Goods. Closing of the transaction is expected in the fourth quarter of 2021 and is subject to certain conditions.

**Terry Seremetis, Head Business Unit Consumer Goods, DKSH, commented:**  
**“DKSH Smollan has been enriching people’s lives with its Field Marketing services in Asia Pacific for over a decade now. With the acquisition of STP we have firmly established our leading position in this growing business segment. We welcome all STP employees and look forward to a joint future.”**

Andy Kirk, General Manager, DKSH Smollan Australia added: “We are pleased to expand our Field Marketing capabilities through the acquisition of STP Australia. With the combined expertise of DKSH Smollan and STP, we are adding even more value for our clients and customers in Asia Pacific.”

Source : Chemical Market

## NEW FUMED SILICA PLANT BY EVONIK AND WYNCA GOES ON STREAM IN ZHENJIANG,

## CHINA

- **Evonik's first fumed silica production facility in China starts operation**
- **The plant fulfills local market's demands for silicones, coatings, adhesives, sealants and many other industrial applications**
- **Recycling of production resources and materials contributes to circular economy**

Zhenjiang, China. The joint venture between Evonik and the Chinese company Wynca - Evonik Wynca (Zhenjiang) Silicon Material Co., Ltd. is starting-up of its new fumed silica plant. Located in the Zhenjiang New Material Industry Park in Jiangsu province, the plant is Evonik's first fumed silica production site in China. It will produce fumed silica marketed under the brand name AEROSIL®. More than 150 participants, including employees from Evonik and Wynca, partners, government and media representatives, attended the opening ceremony.

Fumed silica is an important functional material. With features such as thickening, thixotropy, anti-precipitation, and matting, it has been widely applied in industrial applications such as silicones, coatings, adhesives, and sealants. The demands for fumed silica in the Chinese market is growing steadily. Evonik is a leading global supplier of silica with its products widely used in many high-growth markets.

**The joint venture will combine Evonik's product technology with Wynca's silicone industry chain, producing high-value fumed silica products**



**through the comprehensive use of monomer by-products, methyltrichlorosilane and chlorosilane from Wynca. Meanwhile, the by-product hydrochloric acid will also be fully utilized as a raw material for Wynca Zhenjiang Site. This production loop is expected to contribute to synergies among silicone monomer, chlorosilane and fumed silica production, and ultimately to a circular economy. With this new joint venture, Evonik is well positioned to build a complete global supply chain of fumed silica for customers in China and Asia.**

Dr. Claudine Mollenkopf, head of Evonik Silica business line said: “I am excited to witness the cooperation between Evonik and the Chinese partner Wynca. The joint venture will be a strong complement to Evonik’s global presence in fumed silica. We expect win-win results through leveraging the expertise of both parties in silicon materials.”

“The partnership allows both sides to realize integration and complementarity in the supply chain of fumed silica and the recycling of materials. The improved value chain will enable us to deliver premium services and products to customers in China and Asia,” said Jianhua Wu, chairman of the Wynca Group.

Fuliang Xia, president of Evonik Greater China, said in his speech at the opening ceremony: “Since the plant broke ground in December 2019, we’ve completed the

construction work on schedule with high quality and safety standards. We live up to our commitment to the customers. Evonik continues to develop its global footprint and focus on providing local customers with tailor-made products and services. We are also looking forward to joining forces with Wynca, our strong partner in China, to drive the growth in the Chinese market.”

Source : Evonik

## **SUSTAINABLE & SAFE: DEFOAMER CONCENTRATES WITH HIGH BIO-RENEWABLE CONTENT**

- Developed for printing inks and varnishes
- Highly suitable for food contact applications

Renewable content of 55 and 95 percent

Essen, Germany. Modern defoamers need to do more than just avoid foam: They need to be sustainable and safe to use as well. Two new defoamer concentrates of Evonik meet exactly these requirements: TEGO® Foamex 8820 and 8850 provide a bio-renewable content of more than 55 percent.

**Both products have been developed for waterborne printing inks and varnishes. Especially in the packaging industry, consumer and food safety are of crucial importance. For that reason, the Coating Additives business line has launched**

**these oil-based defoamer concentrates. They exhibit the same defoaming power as siloxane-based products and may be used in compliance with many regulations, such as Swiss Ordinance (Part A), FDA, and others. TEGO® Foamex 8820 and 8850 are 100% active renewable oil-based products and don’t contain any solvents, biocides, or mineral oil.**

Still, both products offer a unique profile: TEGO® Foamex 8820 is very powerful and shear stable, ideal for use at the grinding stage. It contains more than 55% renewable content. TEGO® Foamex 8850 is easier to incorporate and more compatible. This “softer” defoamer with more than 95% renewable content is the first choice for the let-down stage.

“Our additives portfolio provides a growing number of products containing bio-based raw materials”, explains Courtney Thureau, head of market segment printing inks. “We’re continuously working on expanding our offerings to fulfill this important market need.”

Source : BASF



# Wendy's, Berry Global, LyondellBasell Collaborate to Improve Cup Recyclability; Introduce New, Industry-Leading Clear Drink Cup

**D**UBLIN, Ohio and EVANSVILLE, Ind. and HOUSTON, Oct. 20, 2021 -- To help advance the goal of sustainably sourcing 100% of its customer-facing packaging by 2026, Wendy's is announcing a new collaboration with packaging and plastics industry leaders Berry Global and LyondellBasell. The collaboration will support Wendy's move from a selection of plastic-lined paper cups with limited recyclability to single-substrate, clear plastic drink cups that more consumers will be able to recycle – an

important pathway toward circularity. Based on a mass balance approach, the cups will also use 20% ISCC-certified, recycled plastic across all North America restaurants – a quick-service restaurant industry first – with the potential to increase the amount of recycled plastic used in the future.

The new cup set will launch in U.S. and Canada restaurants in early 2022 with the initial set of large cups using recycled plastic; all

drink cups will use recycled plastic in 2023. This important first step is estimated to divert 10 million pounds of waste from landfills over the first two years. The amount of waste diverted from landfills due to this collaboration is projected to increase significantly as Wendy's works with Berry to expand recycled plastic use throughout its entire cup set.

Source : LyondellBasell

# Toray Launching Toraysee™ Anti-Fog Cloth for Eyeglasses

**T**okyo, Japan, October 4, 2021 – Toray Industries, Inc., announced today that it will introduce the Toraysee™ Anti-Fog Cloth for Eyeglasses in mid-October, exclusively in Japan. This 15cm x 18 cm navy-colored item will retail for ¥880 (¥968, including consumption tax). It will be available from eyewear retailers, as well as from some Tokyu Hands stores, and through online and Toray shops around Japan.

Many people have found when wearing masks during the COVID-19 pandemic that eyewear fogs up from their breath. Even in the absence of masks, temperature differences heading into winter often lead to foggy lenses. The development concept was to clean eyeglass lenses and prevent fogging with just one wipe of the cloth.

This keeps glasses fog-free for 12 hours.

You can reuse the cloth up to 300 times and store it in a zipper bag to maintain performance for 12 months (results may vary according to usage environments). You can thereafter use the cloth as a regular cleaning item.



Toray debuted the Toraysee™ brand in 1987 to offer advanced cleaning performance for eyewear. The cloth's ultra-fine fibers are 2 to 5 microns in diameter, for a cross-section that is about 1/1600th

of a human hair. The fibers trap dirt in crevices that are invisible to the naked eye. The cloth can wipe away sebum and other grime that ordinary cloths cannot remove without damaging lenses.

**The Toraysee™ line of unique cleaning products includes offerings for eyewear lenses, smartphone and other touch panels, as well as for accessories, watches, CDs, mirrors, and other everyday items.**

Toray will continue to develop new Toraysee™ series products that deliver high-value-added polishing and wiping performance to make life better.

Source : Toray



## VIEWS AND STATEMENTS



“This new plant is a big step towards a truly sustainable chemical industry. By converting production waste into steam, its innovative technology allows our partner LyondellBasell and Covestro to save the impressive amount of 140,000 tons of CO<sub>2</sub> emissions each year, which equals the annual emissions of 31,000 cars. We have shown once more how working together can pave the path for circularity.”

*- Dr. Klaus Schaefer, Chief Technology Officer of Covestro*

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“We are committed to supporting our customers’ growing demand in various 2-EHA downstream applications, such as synthetic lubricants for the white goods industry, and PVB plasticizers for safety glass production in the construction and automotive segments. With the increased capacity, we continue to ensure persistent supply capability in Asia Pacific with the highest standard of product quality,”



*- Vasilios Galanos, Senior Vice President, Intermediates Asia Pacific, BASF.*

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“Our customers demand a reliable supply of high quality synthetic base stocks to enable them to innovate confidently. Investing in our production facilities and responding to market drivers allows us to stay at the forefront of the base stocks industry. As adoption of the metallocene synthetic base stock platform increases across industrial, automotive and wind turbine markets, we’ve invested over half a billion dollars in plant capacity improvements in the last decade. The market is continuously evolving and the investments made position us to meet our customer’s long-term requirements as they grow their business, as well as support the increasing societal need for renewable energy. Our synthetic base stocks help formulators create lubricants that are more energy efficient, work under more severe operating conditions, offer extended drain intervals and provide advanced lubricant performance”

*- Kerrie-Anne Lanigan, Vice President of ExxonMobil Synthetics.*

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“The commercial introduction of our carbon-neutrality program for DOWSIL™ Silicones for building facades represents a true evolution in silicone carbon-neutrality. Aligned with the industry efforts towards developing net-carbon-zero buildings to reduce CO<sub>2</sub> emissions, Dow is leading the way in decreasing the embodied carbon present in construction materials.”



*- Markus Plettau, Dow’s global segment leader for building facades.*

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## VIEWS AND STATEMENTS



" The Toraysee™ brand debuted 34 years ago. As part of Toray's commitment to materializing the United Nation's Sustainable Development Goals (SDGs), a percentage from sales of this New Year's collection will go to a National Federation of UNESCO Associations fund that supports children affected by the Great East Japan Earthquake. This will be the 13th year of Toray's contributions to UNESCO programs. Through Toraysee™, Toray will continue to assist students in quake-affected areas in coming years."

- Toray



"SLA resins designed especially for investment casting offer foundries an investment casting solution that reduces risks and saves time – from printing to finishing, With no detectable levels of antimony<sup>1</sup>, Somos® WaterShed AF enables investment casting for all types of high performance metals such as nickel-based super alloys and titanium. "It also reduces the chance of imperfections appearing on the cast part, requiring less rework to finish the part."

- Geoff Gardner, Innovation Director Additive Manufacturing at Covestro.



"As electronic components such as IC chips and onboard connectors shrink in size and weight to support new generations of mobile and wearable devices, there is a need for novel materials offering optimized performance and consistent quality in miniaturized configurations, These requirements apply both to connectors and burn-in test sockets used to test the performance and reliability of IC chips for higher-speed and higher-density interconnections required by smart electronics. The expansion of our Superflow UL-TEM resin portfolio addresses evolving industry trends and demonstrates SABIC's continued investment in new technologies for the electronics industry."

- Tsutomu (Tom) Kinoshita, senior business manager, SABIC. "



"The SGI provides an ambitious framework aimed towards the shared goal of achieving a green future. SABIC is an active contributor to several strategic initiatives announced today, including those geared towards the production of hydrogen, reusing captured carbon, and recycling plastics. At SABIC we recognize the power of collaboration to improve and protect the quality of life for the next generations. Sustainability is in our DNA and we're pleased to contribute innovative technologies that will accelerate our journey towards carbon neutrality."

- SABIC Chairman, Khalid Hashim Al-Dabbagh



"The selection of the Hostalen ACP technology was the best choice for us as we are very satisfied with the performance of our existing Hostalen ACP line, The market appreciates the HDPE resins out of LyondellBasell's low-pressure slurry process and the technology enables us to produce reliably and economically".

- Mr. Lu Wei Wei, Vice President of Zhejiang Satellite.



# Evonik expands production of organic dispersions for heat sealing applications

- **Increased supply of DEGACRYL® heat seal binders to meet market demand for environmentally friendly food packaging**
- **Plant expansion onstream since August**
- **Enables more joint projects with customers to develop sustainable packaging solutions**

Essen/Darmstadt, Germany. Evonik has expanded its production capacity for organic dispersions used for heat sealing applications. Since the beginning of August, a significantly expanded plant at the Darmstadt site has been supplying additional material. The specialty chemicals company is supporting its customers in the packaging industry and their demand for easier recycling of plastic packaging.

Evonik markets the methacrylate binders under the brand name DEGACRYL®. The binders are used to formulate heat seal lacquers that securely seal food

and beverage packaging. They provide direct adhesion to aluminum and PET lid structures, which enables primerless and efficient processing by customers. Additionally, they are applicable at a low coating weight while performing consistent opening behavior.

Roberto Vila-Keller, Head of the Coating & Adhesive Resins Business Line at Evonik, said, "The current dynamics in the flexible packaging market is leading us away from multilayer structures and towards mono material packaging. Therefore, we are seeing a significant increase in demand for our DEGACRYL® heat seal binders. Our employees are working on sustainable packaging solutions on a global scale and along the entire value chain."

**Dr. Peter Neugebauer,**  
**Business Director Specialty Acrylics at Coating & Adhesive Resins, said,**  
**"This plant expansion is an**

**important project for our Darmstadt site. Of course, our experienced employees are crucial here: we were able to transfer their specific knowledge and experience regarding the construction, operation, and maintenance of the existing plant to the new plant. This synergy was a decisive success factor to deliver the project on time."**

The next step will be to transfer joint customer projects with innovative, sustainable packaging materials to the product launch phase. DEGACRYL® heat seal binders not only ensure a secure closure, but also easy recycling of the packaging.

Source : Evonik

# Covestro expands portfolio of resins made with plants to turbocharge sustainability in decorative coatings

Covestro, a world leader in coating resin solutions for the decorative industry, announces the launch of an additional approach as part of its strategy to enable more sustainable, safer solutions for the decorative paints and coatings market. As part of this new approach, which leverages Covestro's leading position in partially bio-based resin innovation, the organization will grow its Decovery® family of resins and add-value services to meet the demands

of its customers and markets.

Across the global decorative coatings industry, there is now unprecedented demand – from regulatory bodies, professional painters and consumers alike – for more sustainable products that protect health and safety while still driving functionality and efficiency. In fact, according to a recent Paint Monitor report, environmentally compatible paints are now the number-one de-

sired innovation among painters in the EMEA region. And, with the decorative industry changing rapidly, it's increasingly important for paint manufacturers to differentiate themselves by meeting these demands.

Covestro's 'Decorative House of resins' strategy aims to address these requirements through three key pillars: proprietary market insights, its advanced resin technology toolbox, and its front-



running position in partially bio-based innovation. The organization's latest initiative – known as 'A natural home to create more sustainable paints' – focuses specifically on this last pillar and the plant-based family of Discovery® resins, which have a bio-based content of up to 52 percent, verified to C14 standards.

In particular, to further drive the decorative market's adoption of bio-based solutions, Covestro is expanding its Discovery® family of resins, which will open new sustainable horizons for the decorative coatings market. Together with additional services such as technical advice, sustainability dialog workshops, and marketing support, these solutions will enable Covestro's customers to deliver a wider range of coatings that protect the planet without compromising perfor-

mance.

**Gerjan van Laar, Marketing Manager Architectural:**  
**"I'm thrilled to be introduc-**



**ing 'A natural home to create more sustainable paints' and launching our latest Discovery® innovations!**

**By expanding our range of more sustainable, safer, high-performance partially bio-based solutions that meet the needs of the decorative coatings market, we're helping our customers differentiate themselves while making a positive impact on our industry. More than ever, for paint manufacturers, the switch to bio-based decorative coatings is within reach!"**

Source : Covestro

## Linde Starts Up Major New Hydrogen Facility in the U.S. Gulf Coast

Guildford, UK, October 21, 2021 - Linde (NYSE:LIN; FWB:LIN) announced today it has started up a new world-scale hydrogen production facility in Texas, bringing Linde's total U.S. Gulf Coast hydrogen capacity to approximately 1.5 billion cubic feet per day.

Linde's new plant has started supplying high-purity hydrogen to the Phillips 66 Sweeny Refinery in Old Ocean, Texas, under a long-term supply agreement. The new facility is located on Linde's approximately 600-kilometer U.S. Gulf Coast hydrogen pipeline, which runs from Lake Charles, Louisiana, to Freeport, Texas, and has now been extended to connect with the Sweeny Refinery. In addition to supplying Phillips 66, the new facility will meet the growing demand for hydrogen from other customers in the region.

"Over the past five years we have significantly expanded our already robust hydrogen supply system in the U.S. Gulf Coast," said Jeff Barnhard, Vice President South Region, Linde.

"Supported by multiple supply sources and an innovative high-purity hydrogen storage cavern, this infrastructure enables us to provide our customers with reliable long-term supply. We are proud to have started up this major project on budget despite the macro challenges we encountered."

**Linde is a global leader in the production, processing, storage and distribution of hydrogen. It has the largest liquid hydrogen capacity and distribution system in the world. The company operates**

**the world's first high-purity hydrogen storage cavern plus pipeline networks totaling approximately 1,000 kilometers globally, to reliably supply its customers. Linde is at the forefront in the transition to clean hydrogen and has installed approximately 200 hydrogen fueling stations and 80 hydrogen electrolysis plants worldwide. The company offers the latest electrolysis technology through its world class engineering organization, key alliances and partnerships.**

Source : Linde



# Molder, leading Japanese restaurant chain team up to recycle tableware

KINGSPORT, Tenn., U.S.A., October 21, 2021 — Plastics molder Ishikawajyushi has established a take-back program with Saizeriya, one of Japan's leading Italian restaurant chains, so its wine glasses, tumblers, beer cups, and decanters made with Eastman Tritan™ copolyester can be mechanically recycled and repurposed.

Saizeriya, which sells affordable Italian food, has more than 1,000 restaurants and uses Tritan as a lightweight, shatter-resistant, and dishwasher-durable alternative to glass. Saizeriya returns its tableware to Ishikawa after two or three years, depending on its condition. The Tritan is recovered and turned back into

pellets to make check holders for the restaurants.

**"The durability of Tritan makes it the perfect material for repeat use," said Tsutomu Ishikawa, COO of Ishikawa. "Using recovered Tritan further reduces the use of resources and plastic waste. Saizeriya is a leader in the Japanese restaurant industry and is certainly leading on sustainability."**

Tritan is durable, lightweight, BPA free, and can withstand industrial dishwashers.

"This is a unique program in the Asia Pacific region, and we're proud to be working with Ishikawa, a family-owned company that places a high value on quality," said Courtland Jenkins, commercial director of Specialty Plastics for Eastman. "They have a lot of faith in Tritan and currently use it in ARAS, their own brand of premium tableware."

Ishikawa is working on plans to recover Tritan plates and other products it makes for Saizeriya.

Source : Eastman

# LANXESS launches sustainable high-performance plastic

- Polyamide 6 compound made from 92% sustainable raw materials
- Another major step toward circular economy
- Independent certification using the mass balance method makes the content of sustainable raw materials transparent and traceable

In the manufacture of plastics, LANXESS is increasingly turning to "circular" and bio-based raw materials. The specialty chemicals company's latest product is Durethan BLUEB-KV60H2.0EF. Ninetytwo percent of the raw materials used in this easy-flowing compound have been replaced with sustainable alternatives – that's more than in any other prime quality glass-fiber-reinforced plastic.

The new plastic grade is the first product from LANXESS in the new "Scopeblue" series. The brand label identifies products that either consist of at least 50 percent circular (recycled or biobased) raw materials, or whose carbon footprint is at least 50 percent lower than that of conventional products.

"A carbon-neutral future can become reality only if we start using more sustainable products," says Frederique van Baarle, who heads the High-Performance Materials (HPM) division at LANXESS. "Our first product marketed under the Scopeblue brand represents a real solution for the circular economy. The compound is a certified premium material that's based on sustainable raw materials."

**Mission to use 100% sustainable raw materials**

One of the raw materials used in the production of this polyamide-6-based high-performance plastic is cyclohexane from sustainable sources – meaning cyclohexane that is either bio-based, recycled bio-based or produced by means of chemical recycling. The material is also strengthened with 60% by weight of glass fibers comprising industrial glass waste instead of mineral raw materials. The alternative raw materials that LANXESS uses in the precursors for polyamide 6 are chemically identical to their equivalents of fossil origin ("drop-in solutions"), so Durethan BLUEB-KV60H2.0EF exhibits the same characteristics as the virgin material and can be processed just as easily using exactly the same production tools and facilities with no conversion work needed.

"This high-strength, high-rigidity structural material can be deployed wherever



its purely fossil-based equivalent Durethan BKV60H2.0EF has traditionally been used in series production – so in automotive construction for the production of car front ends, brake pedals and oil pans,” says Dr. Guenter Margraf, Head of Global Product Management at HPM.

But developers are setting their sights on more than 92% sustainable raw materials. “We’re currently working on increasing the content of sustainable raw materials in this compound to 100%,” says Margraf. This requires ammonia synthesized with carbon-neutral hydrogen. Over the medium term, the specialty chemicals company is also planning to replace the additives used in its plastics with sustainable equivalents.

#### Further sustainable compounds set to be launched

With Durethan ECOBKV30H2.0, ECOBKV35H2.0 and ECOBKV60XE, LANXESS recently unveiled three polyamide 6 compounds containing 30%, 35% and 60% by weight respectively of recycled fiber made from glass waste as calculated using the ISCC Plus-certified

mass balance method. In response to major customer demand, this product family has been extended over the past few months to include even more compounds based on polyamide 6 and 66. LANXESS is also using the recycled glass fibers for the mechanical reinforcement of its Pocan-brand polybutylene terephthalate (PBT) compounds. Early



products include Pocan ECOB3235 and the flame-retardant ECOB4239, each of which contain 30% by weight of recycled glass fibers as calculated using the certified mass balance method.

#### Independent certification of sustainability in the supply chain

The sustainable origin of the raw materials is certified to ISCC Plus (“In-

ternational Sustainability and Carbon Certification”). This applies to not only the LANXESS production sites in Antwerp and Krefeld-Uerdingen but also all precursors originating exclusively from suppliers that are also ISCC Plus-certified.

The mass balance method, which was introduced with ISCC Plus certification, compares raw materials used against product quantities on the market in order to establish a link between input and output for accounting purposes. If the raw material quantity required for manufacturing a defined product quantity is substituted with sustainable alternatives, the method can be used to determine the quantity of sustainable mass in the end product. This makes the product’s sustainability characteristics transparent for users.

ISCC is a standard that was developed for purposes including assessing the sustainability requirements of the EU RED (EU Renewable Energies Directive) and is increasingly being used worldwide in the chemical industry too. LANXESS is a member of the ISCC Association and plays an active role in further developing the sustainability certification.

Source : Lanxess

## Discover Clariant's New Licosperse™ Eco-Compatible Pigment Preparations For Sustainable Wood Coatings Polishes And Other Oil- Or Wax-Based Products

- New product line is heavy metal and resin free, non-toxic, and non-flammable
- Recommended as a sustainable replacement for oil- and solvent-soluble dyes
- Licosperse ready-to-use blends save time and cost in the coloration process

Muttenz, October 26, 2021 – Clariant, one of the world’s leading providers of superior organic pigments and dyes has expanded its contribution to sustainability with the launch of its new product line, Licosperse, eco-friendlier pigment preparations for polish applications.

To simplify use in the end user’s manufacturing processes, the preparations are produced with non-toxic raw materials,

are non-dusting, and are heavy metals and resin free. “The pastes are readily incorporated in the base media for the effortless production of consistent color. They can also be incorporated at high temperatures as the production method requires. There are no dangerous goods restrictions for transport and storage, reducing the risks in product handling and transportation,” said Rossitza Dimitrova, Clariant’s Regional Technical Marketing Manager, Middle East and



Africa.

Licosperse preparations are recommended as alternative colorants to replace dyes in solvent and oil-based applications such as shoe and floor polishes, fertilizers and herbicides as well as wood stains and varnishes. Further application areas are expected in the future. With improved durability and low-migration properties compared to traditional dyes, which in many cases need to be pre-dissolved, the new pig-



ment preparations are easy to incorporate with no need to pre-dissolve.

**Licosperse pigment dispersions are providing a competitive advantage to customers.**

**As a single product that is applicable for many different applications, the ready-**

**to-use blends save time and costs in the coloration process. Color recipes for popular shades are readily available, for easy integration into most systems and simplified quality control.**

This new line supports Clariant's objectives to ensure that products meet international environmental, health and safety performance standards. The company's organic pigments and colorants have a global reputation for technical performance and high quality.

Source : Chemical Market

## Capacity Expansion and Multifold EPS Growth from Cosmo Ferrites Q2-FY-21-22 Cosmo Ferrites Limited

In Rs. Crores	Q2 FY22	Q2 FY21	% Increase
EBITDA	7.01	2.26	210%
Net Revenue	26.19	18.38	42%
PBT	4.70	0.38	1137%
PAT	3.51	0.39	800%
EPS (in Rs.) (not annualized)	2.92	0.31	842%

New Delhi, October 26, 2021: Cosmo Ferrites Limited, a leading manufacturer and exporter of Soft Ferrites and an emerging player in wire wound magnetic components today declared its financial results for the quarter ended September 2021.

During Q2FY22, Company reported net revenue growth of 42% YOY on the back of higher volumes (up by 6%), change in product mix, higher sales realisation resulting from customised solutions to customers. Better global demand leading to higher exports, higher sales realisation and improving internal efficiencies contributed to improvement in EBITDA. PAT for the Quarter improved by 800% YOY and EPS also improved by 842% YOY to Rs. 2.92 per equity share.

**Commenting on Company's performance Mr. Ambrish Jaipuria, Chairman, Cosmo Ferrites Ltd. said "There is strong domestic and export demand from all over the world. Government's policy of promoting electronics manufacturing and exports from India and the world seeing India as an alternate to China are positives for the Company. The Company's exports grew 48% vs. last year and prod-**

**uct mix also is changing and becoming favourable with growing Soft ferrites demand globally due to growing digitisation, EV growth and focus on renewable energy. This has resulted in better sales realisation improving Company's margin. Company's efforts to increase exports were also recently acknowledged by Electronics Industries Association of India (ELCI-NA) by awarding a certificate of merit to Cosmo Ferrites under the category of SME Exports. Current outlook remains strong and the Company is planning capacity expansion for Soft**



ferrites manufacturing from 2,400 MT per annum to 3,600 MT per annum next year. The expanded capacity is expected to be

operational in Q2 of FY 23 and would further drive revenue growth next year. The Company is also investing R&D infrastructure and

increasing R&D resources to further strengthen new product development”.

Source : Chemical Market

## Cosmo Speciality Chemicals– Textile Division Develop 5th Generation Silicone Softener Lotosil Bhbrange

A hydrophobic softener based on block silicon chemistry can be applied to any substrate like Cotton, Polyester and blends, etc.

New Delhi, 25th October 2021: Cosmo Speciality Chemicals has developed a 5th generation Silicone softener” LOTOSIL BHB” range which can be applied to any substrate like Cotton, Polyester and blends, etc. These are hydrophobic and based on block silicone chemistry.

Speaking on this initiative, Mr. Anil Gaikwad, Business Head, Cosmo Speciality Chemicals said, "We thrive on creating unique goods, and to promote meaningful innovation for the textile industry, allowing us to bring new solutions to a wider audience at a faster speed.

“We have also developed Silicone softeners for a set of four products in LOTOSIL BHB” range which gives excellent inner softness with soft bouncy feel stable to shear force, high liquor TDS temperature and variation in pH. It is a hydrophobic softener based on block silicon chemistry,” he added.

Silicone softeners increase the quality of textile materials, particularly their han-

dling. The term "handle" refers to the mechanical behavior of fabrics that have been subjected to low pressures similar to those experienced during garment production and usage. It is critical in this day and age

There are four set of products in this range: 1.LOTOSIL BHB1; 2.LOTOSIL BHB;3.LOTOSIL BHB2L; 4.LOTOSIL BHB2P

Mr. Pankaj Poddar, Group CEO of Cosmo Films Ltd said “At Cosmo we pride ourselves on being specialized and niche in its offerings. Thus, innovation is comes as part of our DNA, driven by the consumer needs and backed by strong tech infrastructure”.



The basic feature of LOTOSIL BHB ranges include excellent inner softness coupled with surface smoothness, exhibits soft and bouncy handle, exhibits stability to shear forces, high liquor TDS and temperature, and variation in pH.

The substrate of this 5th generation Silicone softener can be overdyed without stripping after being finished with LOTOSIL BHB ranges, is easily miscible with water in all proportions, and is very effective on Knits and Woven. The product is also easily miscible with water in all proportions, suitable by exhaust and Pad application techniques apart from being compliant to GOTS.

Source : Chemical Market

for everyone, from youngsters to the elderly, regardless of gender, to have a soft feel and be amazed by the lightness and bulkiness of materials. In this day and age, comfort is a requirement of society.



## Price as on October 30, 2021

Name of Chemicals	Pack (Kgs.)	Price	Change (Rs./Kg)
<b>INORGANIC CHEMICALS</b>			
Ammonium Bicarbonate		60	
Ammonium Carbonate		55	
Ammonium Nitrate		65	
Borax (Granular)	50	48	
Borax (Powder)	50	42	
Bromine Liquid	50	265	
Calcium Carbonate(Acti- vated)	50	50	
Calcium Carbonate (Pre- cipitated)	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)
<b>ORGANIC CHEMICALS</b>			
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	
Polyethylene Glycol (PEG 200)	230	93	
Polyethylene Glycol (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	

## CHEMICAL MARKET

### LEADS PLATFORM

#### Supplier?

You can post your product list just as restaurants post their menu items on Zomato. You can create your company profile just like the way you create your LinkedIn profile. Let the purchasers connect with you directly.

[Register For Leads Platform](#)



# ECI Group in Partnership with Repsol Signs an Engineering Expertise Agreement for Shandong Yulong Sinteegrated Refining and Petrochemical Complex

- ECI Group will provide the technology, design, and training for the facility, and support through commissioning, start-up, and production for this new dual-stream high-pressure plant.
- Repsol will offer its knowledge in the production and operation for the new 200,000 tons per year ethylene vinyl acetate (EVA) copolymer plant and know-how regarding the development of EVA differentiated applications.

ECI Group has signed an Engineering Expertise Agreement with Shandong Yulong Petrochemical Co. Ltd., a subsidiary of China's Nanshan Group, for a dual-stream plant capable of producing 200,000 tonnes per year of Ethylene Vinyl Acetate (EVA) and other associated high-pressure copolymers in the future.

The plant will be part of Shandong Yulong's 20 million tonnes per year refining and petrochemical integrated project, a mega complex to be located in the Province of Shandong. ECI Group will provide the technology, design, and

training for the facility, as well as support through commissioning, start-up, and production.

Repsol, the multi-energy company, is the technology partner of ECI Group and will provide its extensive technical expertise on these kinds of plants and products. Repsol has several LDPE, EVA, and EBA plants in its industrial complexes in Spain and Portugal and has over 40 years of experience producing polymers in high-pressure facilities.

The plant will use high-pressure autoclave technology that has its roots in the heritage ICI process to manufacture of Polyethylene.

ICI first created LDPE in the 1930s, and ICI partnered with ECI Group's subsidiary company Simon Carves over five decades to deliver over 67 operating reactor lines around the world. The ECI Group design offers significant improvements in the product range, reliability, and expandability to the origi-

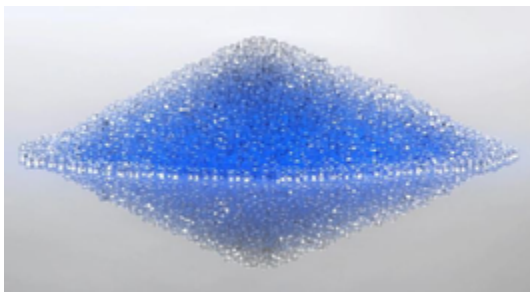
nal ICI technology, and is optimized to make use of modern materials, design techniques, standards, and industry best practices for construction, operation, and maintenance.

"This agreement is an important milestone for ECI Group and Repsol," said Joaquin Flores, President of ECI Group. "ECI Group is already recognized globally as the world's leading provider of engineering and technical services for high-pressure polyethylene facilities,

having worked with every major current producer and licensor. The execution of this agreement confirms the strength of our new technology offering, incorporating

Repsol's in-depth product knowledge and market reputation to further enhance ECI Group's established expertise. We are excited to support Shandong Yulong Petrochemical Ltd. on this prestigious project, and we look forward to a long and successful relationship."

Source : Chemical Market



## Research for Cosmic Missions Smarttex Provides Data on Vital Functions

BÖNNIGHEIM (ivs) It looks like a normal shirt, but it has it all: The new SmartTex shirt uses integrated sensors to transfer physiological data from astronauts to Earth via a wireless communication network. In this way, the effects

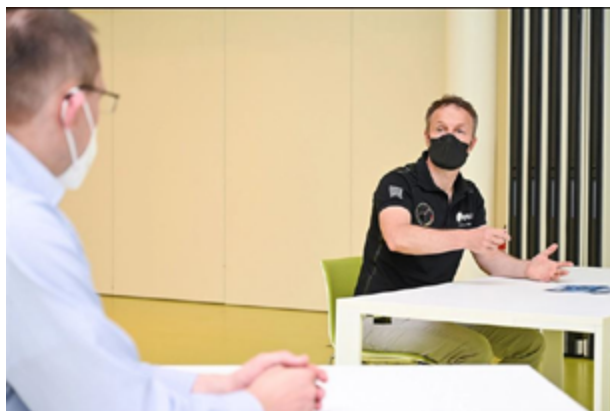
of the space environment on the human cardiovascular system will be evaluated and documented, especially with regard to long-term manned space missions. Developed by the German Aerospace Center (DLR) in cooperation with DSI

Aerospace Technology, the Medical Faculty of Bielefeld University and textile research partner Hohenstein, SmartTex will be tested for the first time as part of the Wireless Compose-2 (WICO2) project by German ESA astronaut Dr.



Matthias Maurer, who will leave for his 'Cosmic Kiss' mission on the International Space Station (ISS) for six months on October 30, 2021.

"We were already able to gain valuable insights into the interaction of the body, clothing and climate under micro-gravity conditions during the previous projects Spacetex (2014) and Spacetex2 (2018)," explains Hohenstein Senior Scientific Expert Dr. Jan Beringer. The insights provided at the time by the mission of ESA astronaut Dr. Alexander Gerst have now been directly incorporated into the development of the new SmartTex shirt at Hohenstein. "Matthias Maurer can wear his tailor-made shirt comfortably on his body during his everyday work on the International Space Station. For this, we used his body measurements as the basis for our cut development and the production of the shirt. We integrated the necessary sensors as well as data processing and communication modules into the shirt's cut in such a way that they interfere as little as possible and are always positioned in the right place, regardless of the wearing situation. This is the prerequisite for reliably measuring the relevant physiological data." The SmartTex shirt is intended to provide a continuous picture of the vital functions of astronauts. This will be particularly relevant for future long-term manned space missions to the Moon and Mars.



For example, during the BEAT experiment (Ballistocardiography for Extraterrestrial Applications and long-Term missions), Matthias Maurer will be the first astronaut to wear a T-shirt equipped with sensors that measure his ballistocardiographic data such as pulse and relative blood pressure. For this purpose, the sensors were calibrated in

the :envihab research facility at the DLR Institute of Aerospace Medicine in Cologne. Details on the contraction rate and opening and closing times of the heart valves, which are normally only accessible via sonography or computer tomography, can also be read from the data material. The goal is to study the effects of the space environment on the human cardiovascular system. To be able to analyse these effects realistically, Matthias Maurer's ballistocardiographic data will be recorded before, during and after his stay on the ISS. For the future, a technology transfer of the SmartTex shirt for application in the field of fitness or even in telemedicine is conceivable.

## Wireless Compose-2 (WICO2)

**The project was planned and prepared by the German Aerospace Center (DLR) and its cooperation partners DSI Aerospace Technology, Hohenstein and the University of Bielefeld. The wireless communication network reads sensor data and can determine the position of people and objects in space by propagation times of radio pulses. It is also available as a platform for several experiments on the ISS. The determined data is temporarily stored within the network and read out at regular intervals by the astronauts. These data packets are then transferred to Earth via the ISS link and analysed by the research teams. It can generate its own energy from artificial light sources via solar cells.**

Source : Chemical Market

## Archroma Awarded Ecovadis Platinum Medal for its CSR Performance Joining Top 1 Percentage Best Rated Companies

Reinach, Switzerland, 27 October 2021 - Archroma, a global leader in specialty chemicals towards sustainable solutions, today announced that it has been awarded the EcoVadis "Platinum"

rating in corporate social responsibility (CSR), placing the company within the top 1% of the best rated companies in its industry.

**Archroma was evaluated by EcoVadis, an organization specialized in assess-**



**ing the CSR performance of companies on a global basis. The assessment focuses on 21 criteria which are grouped into 4 themes: Environment, Labor & Human Rights, Ethics, and Sustainable Procurement. EcoVadis assesses more than 75,000 companies in more than 160 countries and 200 industries.**

Participating in the assessment for the fourth consecutive year, Archroma had

set itself the target to reach the EcoVadis "Platinum" rating.

Archroma has built a strong reputation as a global leader in developing innovations and systems that help minimize



resources, increase productivity and create value for its customers. The company refers to this commitment as "The Archroma Way to a Sustainable World: Safe, efficient, enhanced, it's our nature".

"Sustainability is a process", comments Heike van de Kerkhof, CEO at Archroma. "We started our journey with the EcoVadis assessments only 4 years ago. Our progress all the way to the Platinum rating is testament to our continuous efforts and hard work to improve our societal, environmental and economic performance, and that of our customers!"

Source : Chemical Market

## 95 Percentage Covid Vaccines Stored In Schott Glass India Example Of Indo-German Partnership Walter Lindner German Ambassador

- In India, almost 95% of COVID-19 vaccines are packed in glass tubing made by SCHOTT
- Technology group SCHOTT recently announced an additional investment of 70 million euros in the plant, following several million in investments over the last few years

Today, the German Ambassador to India, Walter J. Lindner, visited the SCHOTT factory site in Jambusar, Gujarat. The visit is a part of his two-day trip to Gujarat, India, where he visits important sites and interacts with the Indo-German business community. The Ambassador undertook a tour of the factory, talking to employees and learning about core aspects of pharmaceutical glass production. SCHOTT Glass India is part of the technology group SCHOTT with headquarters in Mainz, Germany. The com-

pany has a long history of producing specialty glass for more than 130 years and is a global leader in pharmaceutical glass manufacturing.

**"SCHOTT Jambusar is a**



**state-of-the-art facility that produces the best specialty pharma glass in the world, specially the glass used for COVID vaccines", said the**

**Ambassador on his visit. He further added, "Any vaccination program across the globe would've been very difficult without SCHOTT glass. In fact not many people know that SCHOTT glass is responsible for almost 95% of Covid-19 vaccine packaging in India. I want to congratulate the SCHOTT team here as they promote a product that is German high quality and produced in India. This is a perfect example of 'Make in India' and 'Industry 4.0'. I am proud Germany is a vi-**



## **tal part of this partnership.”**

The tubing plant in Gujarat is the Asian manufacturing hub of high-quality pharma glass tubing. It has also been a frontrunner in the fight against COVID-19 and provided pharmaceutical glass for primary packaging to fill billions of COVID-19 vaccines worldwide. In India, almost all approved vaccines are packed in FIOLAX® glass made by SCHOTT, which has been the gold standard for pharmaceutical packaging for more than a century. The material is best suited for vaccines and life-saving medications, as it avoids the interactions between containers and the drug formulation that can limit its effectiveness.

Welcoming the dignitary to the Jambusar plant, Pawan Shukla, Managing Director SCHOTT Glass India, said, "We were delighted to have the German Ambassador Walter J. Lindner visit us. It gave us an opportunity to showcase a successful example of know-how and TOT (Transfer of Technology) from Germany to India." Further commenting on SCHOTT's future expansion plans, he said, "We have recently announced an investment of 70 million euros in the site to set up additional glass melting tanks and ensure adequate supply to the Indian pharma industry as well as neighboring countries."

The expansion in SCHOTT's Jambusar is set to create more than 225 new jobs. It is part of SCHOTT's commitment to

invest over 100 million euros in its Indian tubing facilities and triple the production capacity to produce FIOLAX® glass tubing for domestic and export demands.

Since August this year, SCHOTT also has a new Indian 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.

Source : Chemical Market

## **ExxonMobil to build its first largescale plastic waste advanced recycling facility**

- Advanced recycling operation in Baytown, Texas will be among the largest in North America
- Commercial volumes of certified circular polymers available by yearend 2021
- Plans underway for up to 500,000 metric tons annually of advanced recycling capacity to be added by yearend 2026 across multiple sites

**B**y recycling plastic waste back into raw materials that can be used to make plastic and other valuable products, the technology could help address the challenge of plastic waste in the environment. A smaller, temporary facility, is already operational and producing commercial volumes of certified circular polymers that will be marketed by the end of this year to meet growing demand.

“We’ve proven our proprietary advanced recycling technology in Baytown, and

we’re scaling up operations to supply certified circular polymers by yearend,” said Karen McKee, president of ExxonMobil Chemical Company. “Availability of reliable advanced recycling capacity will play an important role in helping address plastic waste in the environment, and we are evaluating wide-scale deployment in other locations around the world.”

The new facility follows validation of ExxonMobil’s initial trial of its proprietary process for converting plastic waste into raw materials. To date, the trial has successfully recycled more than 1,000 metric tons of plastic waste, the equivalent of 200 million grocery bags, and has demonstrated the capability of processing 50 metric tons per day.

**Upon completion of the large-scale facility, the operation in Baytown will be among North Ameri-**

**ca’s largest plastic waste recycling facilities and will have an initial planned capacity to recycle 30,000 metric tons of plastic waste per year. Operational capacity could be expanded quickly if effective policy and regulations that recognize the lifecycle benefits of advanced recycling are implemented for residential and industrial plastic waste collection and sorting systems.**

ExxonMobil is developing plans to build approximately 500,000 metric tons of advanced recycling capacity globally over the next five years. In Europe, the company is collaborating with Plastic



Visit : <https://chemicalmarket.net/search>  
for more product listing...

## PRODUCT LIST

1 Amino

AAKAR DYES AND CHEMICALS Pg 12

1 Naphthol

AAKAR DYES AND CHEMICALS Pg 12

2(4 Ethyl Benzol)

Mavani Chemicals Pvt. Ltd. Pg 11

2(4 Methyl Benzoyl)

Mavani Chemicals Pvt. Ltd. Pg 11

2, 6. Dihydroxy Naphthlene

AAKAR DYES AND CHEMICALS Pg 12

2 Naphthol

AAKAR DYES AND CHEMICALS Pg 12

3,6 Disulfonic Acid

AAKAR DYES AND CHEMICALS Pg 12

4- Sulfonic Acid

AAKAR DYES AND CHEMICALS Pg 12

6BA

Chemilife Enterprises Pg 9

6 Nitro

AAKAR DYES AND CHEMICALS Pg 12

## A

Acetic Acid

KRISHNA SOLVECHEM LTD. Pg 10

Acetone

KRISHNA SOLVECHEM LTD. Pg 10

Acetonitrile

KRISHNA SOLVECHEM LTD. Pg 10

Acetophenone

KRISHNA SOLVECHEM LTD. Pg 10

Acetyl H. Acid

AAKAR DYES AND CHEMICALS Pg 12

Acid Green-16

AAKAR DYES AND CHEMICALS Pg 12

Acid Orange 156

Mavani Chemicals Pvt. Ltd. Pg 11

Acid Orange Liquid

HIREN ENTERPRISES Pg 12

Acid Yellow 36

Mavani Chemicals Pvt. Ltd. Pg 11

Acid Yellow 219

Mavani Chemicals Pvt. Ltd. Pg 11

Acrylonitrile

KRISHNA SOLVECHEM LTD. Pg 10

Alizarine Red

Mavani Chemicals Pvt. Ltd. Pg 11

Alpha Methyl Styrene

KRISHNA SOLVECHEM LTD. Pg 10

Amido G. Acid to Gamma Acid

AAKAR DYES AND CHEMICALS Pg 12

Amino ISO J Acid

AAKAR DYES AND CHEMICALS Pg 12

Ammonium Bi Carbonate

KRISHNA SOLVECHEM LTD. Pg 10

Aniline Oil

KRISHNA SOLVECHEM LTD. Pg 10

## B

Basic Auramine Liquid

HIREN ENTERPRISES Pg 12

Basic Bismark Brown R

HIREN ENTERPRISES Pg 12

Basic Bismark Brown Y

HIREN ENTERPRISES Pg 12

Basic Brown R Liquid

HIREN ENTERPRISES Pg 12

Basic Brown Y Liquid

HIREN ENTERPRISES Pg 12

Basic Crysodine R (Powder)

HIREN ENTERPRISES Pg 12

Basic Crysodine Y Base (Solvent Orange 3)

HIREN ENTERPRISES Pg 12

Basic Crysodine Y (Crystal & Powder)

HIREN ENTERPRISES Pg 12

Basic Crysodine Y Liquid Pg 12

Benzoic Acid

KRISHNA SOLVECHEM LTD. Pg 10

Mavani Chemicals Pvt. Ltd. Pg 11

Beta Naphthol to G. Salt

AAKAR DYES AND CHEMICALS Pg 12

B.H.K. Acid

Mavani Chemicals Pvt. Ltd. Pg 11

BIS AZO

Mavani Chemicals Pvt. Ltd. Pg 11

Bitumen / Pet Coke / DMPAT

KRISHNA SOLVECHEM LTD. Pg 10

Blue TL

Mavani Chemicals Pvt. Ltd. Pg 11

BM Alizarine Red

Mavani Chemicals Pvt. Ltd. Pg 11

Bordo 3B

Mavani Chemicals Pvt. Ltd. Pg 11

Brassinolids

Chemilife Enterprises Pg 9

Butanol

KRISHNA SOLVECHEM LTD. Pg 10

## C

C-IX

KRISHNA SOLVECHEM LTD. Pg 10

Cyclohexane

KRISHNA SOLVECHEM LTD. Pg 10

## D

DEG

KRISHNA SOLVECHEM LTD. Pg 10

Dehydro Thio Based

Mavani Chemicals Pvt. Ltd. Pg 11

Di Ethyl Amine

KRISHNA SOLVECHEM LTD. Pg 10

Di Ethylene Tri Amine (DETA)

KRISHNA SOLVECHEM LTD. Pg 10

Di Iso Propyl Ether

KRISHNA SOLVECHEM LTD. Pg 10

Di Methyl Acetamide

KRISHNA SOLVECHEM LTD. Pg 10

Di Methyl Amine

KRISHNA SOLVECHEM LTD. Pg 10

Di Methyl Amine HCl

KRISHNA SOLVECHEM LTD. Pg 10

Dimethyl Carbonate

KRISHNA SOLVECHEM LTD. Pg 10

Di Methyl Formamide

KRISHNA SOLVECHEM LTD. Pg 10

Di Methyl Sulphoxide

KRISHNA SOLVECHEM LTD. Pg 10

DIPA

KRISHNA SOLVECHEM LTD. Pg 10

Direct Orange 118 Liquid

HIREN ENTERPRISES Pg 12

Direct Red 81 Liquid

HIREN ENTERPRISES Pg 12

Direct Violet Base

Mavani Chemicals Pvt. Ltd. Pg 11

Direct Yellow - 09

Mavani Chemicals Pvt. Ltd. Pg 11

Direct Yellow 11 Liquid

HIREN ENTERPRISES Pg 12

Direct Yellow 87 Base

Mavani Chemicals Pvt. Ltd. Pg 11

Di Sodium Phosphate

KRISHNA SOLVECHEM LTD. Pg 10



## 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

AAKAR DYES AND CHEMICALS Pg 12

Heptanes

KRISHNA SOLVECHEM LTD. Pg 10

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

Mavani Chemicals Pvt. Ltd. Pg 11

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

Nitazine 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

KRISHNA SOLVECHEM LTD. Pg 10

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

KRISHNA SOLVECHEM LTD. Pg 10

### Sodium Sulphite

KRISHNA SOLVECHEM LTD. Pg 10

### Sodium Tri Poly

KRISHNA SOLVECHEM LTD. Pg 10

### Stain Indicator

Mavani Chemicals Pvt. Ltd. Pg 11

### S. Titan Yellow

Mavani Chemicals Pvt. Ltd. Pg 11

### Styrene Monomer

KRISHNA SOLVECHEM LTD. Pg 10

### Sulfuryl Chloride

KRISHNA SOLVECHEM LTD. Pg 10

### Sulphur Dioxide

KRISHNA SOLVECHEM LTD. Pg 10

## 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

KRISHNA SOLVECHEM LTD. Pg 10

### Thionyl Chloride

KRISHNA SOLVECHEM LTD. Pg 10

### Tobias Acid

AAKAR DYES AND CHEMICALS Pg 12

### 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

### Tropium 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

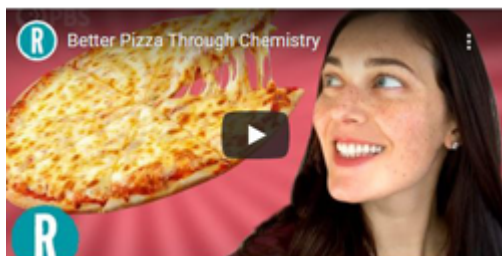
### Yellow RL Base

Mavani Chemicals Pvt. Ltd. Pg 11

# We Used Science to Make Better Pizza Featuring Peter Reinhart Video

WASHINGTON, Oct. 4, 2021 — This week our host, Sam, chats with renowned baker Peter Reinhart and learns how a couple of small chemistry tweaks can transform a terrible pizza into an amazing one: <https://youtu.be/m30YnuF9vUc>

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



Energy on an advanced recycling plant in Notre Dame de Gravenchon, France, which is expected to process 25,000 metric tons of plastic waste per year when it starts up in 2023, with the potential for further expansion to 33,000 metric tons of annual capacity.

The company is also assessing sites in the Netherlands, the U.S. Gulf Coast, Canada, and Singapore.

To meet customer demand for circular polymers, ExxonMobil has obtained certifications through the International Sustainability and Carbon Certification

Plus (ISCC Plus) process for several of its facilities. ISCC Plus is widely recognized by industry as an effective system to certify products that result from advanced recycling using mass balance attribution of plastic waste.

To help address the need for increased collection and sorting of plastic waste, ExxonMobil formed a joint venture with Agilyx Corporation, Cyclyx International LLC, focused on developing innovative solutions for aggregating and pre-processing large volumes of plastic waste that can be converted into feedstocks for valuable products. Cyclyx will

help supply ExxonMobil's advanced recycling projects, and will aim to do the same for other customers.

ExxonMobil is a founding member of the Alliance to End Plastic Waste, which is focused on accelerating investment in safe, scalable and economically viable solutions to help address the challenge of plastic waste in the environment through a portfolio of projects that has grown to more than 30 ongoing projects across several countries.

Source : ExxonMobil

## Toray Creates Nano Micro-Protrusion Polyester Film Contribute to further miniaturization of semiconductors and electronic components

Tokyo, Japan, October 28, 2021 – Toray Industries, Inc., announced today that it has developed a new version of Lumirror™, its range of biaxially oriented polyester films. It created the new film by precisely controlling the height of surface protrusions, eliminating surface defects from coarse protrusions while delivering slipperiness and other desirable handling properties.

Key among the diverse prospective applications for the new offering are functional films for semiconductors and electronic components, for which miniaturization is progressing, as well as films for their manufacturing processes. Toray has already established pilot scale technologies, and aims to initiate mass production soon.

Because of its exceptional properties, Lumirror™ is a common base material for functional films in electronic components and display applications, as well as for release, carrier, protection, and other films for the manufacturing processes of these applications. Excellent smoothness and an absence of coarse

surface protrusions are essential to create high-performance films. It is also important to ensure proper handling, as greater smoothness can impair processability and slipperiness.

Conventional technologies thus generally enhance handling by adding lubricant particles (see glossary) inside films or on coating layers to create surface protrusions. Toray has contributed to the evolution of smaller and thinner products for applications by controlling lubricant particle and film structure arrangements in pursuing surface control technology perfection. Nano-order miniaturization is progressing for state-of-the-art semiconductor and electronic component applications. Even minuscule lubricant particle agglomerations can lead to coarse protrusions on film surfaces and cause nano-level coating and transfer defects. Scattered light and reduced transparency have also become issues with display applications.

Toray resolved these issues by leveraging its unique biaxial stretching technology and special treatment to innovate

a technology that forms high-density, nano-order micro-protrusions on film surfaces without using lubricant particles. This approach suppresses film surface defects from coarse protrusions while greatly enhancing smoothness and transparency. At the same time, nano-order control of micro-protrusion arrangements makes it possible to deliver processability and slipperiness in handling and maintain high quality.

The company will take advantage of these attributes in developing an array of applications for functional films for cutting-edge displays, optical devices, and battery materials, for semiconductor and electronic component applications, and for films in manufacturing processes for these applications.

**Toray will keep developing advanced, highly functional materials that contribute to social progress in line with its commitment to innovating ideas, technologies, and products that deliver new value.**

Source : Toray



## EVENTS AND CONFERENCES

### CPHI WORLDWIDE GERMANY

**Date:** November 09-11, 2021

**City:** Fiera Milano, Milan

**Country:** Italy

**Website:** <https://www.cphi.com/europe/en/about/news-and-updates/new-november-dates.html>

**Description:** At CPhI Worldwide, we understand the importance of meeting face-to-face with your peers and potential business partners. In 2021 we will bring the global pharma community together for the first time since the start of the pandemic, to celebrate historic industry achievements.

We regularly keep in touch with our stakeholders and based on feedback, we have decided to reschedule the event out of the busy summer holiday season and back to a more traditional CPhI Worldwide calendar slot, taking place from 9th – 11th November 2021, at the original venue, Fiera Milano.

The new dates will also hopefully ensure COVID vaccination programmes are well advanced, creating more certainty around international travel and ensuring the event is as successful as possible, delivering you the same opportunities and the experience you've come to expect from CPhI Worldwide.

We're announcing this now so that both our exhibitor and visitors have ample time to rearrange travel and accommodation as necessary.

No matter what the situation is at the time, the health and safety of our visitors, exhibitors and staff is our top priority. We will follow all government and health authority recommendations as well as Informa AllSecure standards to ensure you can attend our event with confidence.

### CPHI CHINA VIRTUAL CPHI

**Date:** December 16-18, 2021

**City:** SNIEC, Shanghai

**Country:** China

**Website:** <https://www.cphi.com/china/en/home.html>

**Description:** CPhI China is your gateway to successfully grow your business at the 2nd largest pharma market in the world. Whether you are looking for sourcing new business or getting the latest market insight, this is your pharmaceutical platform in Asia.

P-MEC China is Asia's leading marketplace for pharmaceutical machinery and equipment, providing access to more than 800 pharmaceutical machinery and equipment suppliers from China and overseas.

### PAINT EXPO EUROSIA

**Date:** November 25-27, 2021

**City:** Istanbul Expo Center (Istanbul Fuar Merkezi), Bakırköy, Turkey

**Country:** Istanbul

**Website:** <https://10times.com/paintexpo-eurasia>

**Description:** PaintExpo Eurasia is an International Exhibition for Industrial Coating Technology. Industrial coating technologies are mainly used in automotive and sub-industries, railways, shipbuilding and shipyards, aviation industry, machinery manufacturing industries, metal and sheet processing industry, plastic processing industry, white goods, furniture, sports and entertainment, metal and glass facade constructions, window and door manufacturing, electronic industry, heating, and cooling equipment manufacturing and packaging industries.



## EVENTS AND CONFERENCES

### CHINA COAT CHINA

**Date:** November 16-18, 2021

**City:** Shanghai, China

**Country:** Shanghai

**Website:** <https://www.chinacoat.net/?route=homepage&lang=2>

**Description:** Asia, particularly China, is anticipated to rebound in 2021 and continues to be the world's fastest growing coatings market. CHINACOAT has been offering a platform for the industry to leverage market potential and pursue business growth since 1996. Our 2020 Guangzhou edition managed to attract over 22,200 trade visitors from 20 countries/regions, together with over 710 exhibitors from 21 countries/regions. On the surface, both visitor and exhibitor data were far lower than previous editions. But under the effects of global pandemic, the results should be considered acceptable. CHINACOAT2021 will be staged at Shanghai again, allowing global exhibitors to seize the opportunity of market rebound! This year, we continue to offer an Online Show to help match business between exhibitors and visitors. Virtual exhibitors who apply for Premium Virtual Booth Package can also have a physical booth at Shanghai exhibition venue to reach visitors at site. Our Online Show will be held alongside the 3-day exhibition in Shanghai, and will stay online before and after the physical exhibition for a total of 30 days. Now, you can view our Demo Video for more exhibiting details. We look forward for your participation!

### CPHI INDIA

**Date:** November 24-26, 2021

**City:** India Expo Center, Greater Noida, Delhi NCR

**Country:** India

**Website:** <https://www.cphi.com/india/en/home.html>

**Description:** As the pharma industry looks increasingly towards India for high quality, low cost pharma solutions, CPhI & P-MEC India is the ideal event for companies wanting to pick up on the latest trends and innovations the market has to offer. At CPhI & P-MEC India, you will meet the movers and shakers from India's pharma machinery, technology and ingredients industries, giving you a competitive advantage that will help grow your business.

### DYE CHEM MOROCCO 2021 INTERNATIONAL EXPO

**Date:** November 24-27, 2021

**City:** Foire Internationale de Casablanca Expo Center

**Country:** Morocco

**Website:** <https://ma.cems-dyechem.com/>

**Description:** CEMS-Global USA's International 'Dye+Chem series of Exhibition' has reached its accession in popularity around the world with the series exhibitions being organized by CEMS-Global across 4 continents of the world. With the undeniable success of previous Morocco edition organized by CEMS-Global USA, CEMS-Global has made the decision to organize the Event in Morocco again for the second time from 24 ~ 27 November 2021 at Foire Internationale de Casablanca Expo Center, Casablanca – Morocco.

*Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers. This page was last updated on Nov 10th 2021*



# Evonik acquires sustainable botanicals pioneer Botanica as the next step towards leading the active cosmetic ingredients market

- Grows portfolio of unique, highly customizable botanical system solutions
- Leverages synergies between recent acquisitions to transform Care Solutions into a leading actives provider
- Reinforces position as a sustainable specialties partner

The acquisition of Botanica is the next logical step for the Care Solutions business line as it transforms into the leading actives partner for the personal care industry. Recent acquisitions include the cosmetic delivery company Infinitec Activos (2021), the biotech company innoHealth (2020), Wilshire Technologies (2020) and ALKION Biopharma (2016). By leveraging the synergies between these strong and complementary technology platforms, Evonik is enhancing its entire product portfolio, opening new markets, accelerating growth and creating significant value.

By drawing on Botanica's plant know-

how and extraction competence, Evonik will innovate a wide range of sustainable base extracts in order to strengthen its broad portfolio of actives. Evonik will lead the active ingredient market, of which 40-50 percent is botanicals. Furthermore, Botanica's highly customizable extracts will boost the portfolio of unique system solutions offered by the Care Solutions business line. The division Nutrition & Care aims to increase its share of system solutions from 20 percent today to more than 50 percent by 2030.

"Botanica's outstanding track record in customization, in sustainable sourcing and production aligns perfectly with our goals to become the sustainable specialties partner," says Yann d'Hervé, head of Evonik's Care Solutions business line. The sustainable and fair-trade practices underlying Botanica's philosophy are renowned worldwide. This outstanding ethical profile matches the strategy of Nutrition & Care, which has made sus-

tainability its guiding business principle. "Finding a strong partner with a trusted sustainability record can be challenging. With Evonik we feel confident that Botanica can continue to operate according to our philosophy, while bringing our high-quality plant extracts to a wider customer base," says Andreas Wälti, Managing Director of Botanica.

Botanica employs 43 people and was founded by the Wälti family in 1998. With a portfolio of over 1,000 different plants available for extraction, Botanica offers customers an unrivalled level of expertise and power for innovation for their cosmetic formulations. The plant extracts are used for cosmetic formulations and are certified according to Swiss Organic Produce Regulation, ISO 9001 and CSE sustainability standard, including ISO 14001. Plant extracts are even traceable back to the field.

Source : Evonik

## Toray to Increase Prices of Automotive Airbag Yarn and Fabrics

Tokyo, Japan, November 4, 2021 – Toray Industries, Inc., is announcing the price increase of nylon 66 yarns and derivative fabrics, for automotive airbag application, by around 20% effectively starting from 1st December shipments.

**Significant Shortages of nylon 66 precursor adiponitrile, since 2018, caused price escalation for nylon66 polymer, a principal material in automotive airbag yarns and fabrics. Although**

**the situation thereafter improved somewhat, winter storm Uri, which hit North America in February 2021, caused significant global shortages again and hampered economic activity, leading raw material prices soaring. Such situation caused dramatic rises in nylon 66 prices. On top of that, prices of such secondary raw materials as silicone for coating airbag fabrics have rocketed amid supply shortages. Rising fuel, electricity, and logistics costs are compounding challenges in**

**the airbag business. Toray accordingly embarked on a project to bolster its total cost competitiveness by slashing expenses and streamlining fixed and variable spending. Higher costs of primary and secondary materials and transportation outstripped savings initiatives, however, forcing the company to raise its prices to maintain consistent quality and develop and commercialize products that deliver even higher value.**

Source : Toray





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