

DYES & CHEMICAL MARKET

MARCH 2021

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A MONTHLY MAGAZINE DEVOTED TO

DYES CHEMICALS PHARMACEUTICALS API TEXTILE AUXILIARIES PAINTS SOLVENTS COSMETICS

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From Walking [-Pg44](#)

Agilent Introduces Break-
through Analytical Solutions
at Executive Technical Summit
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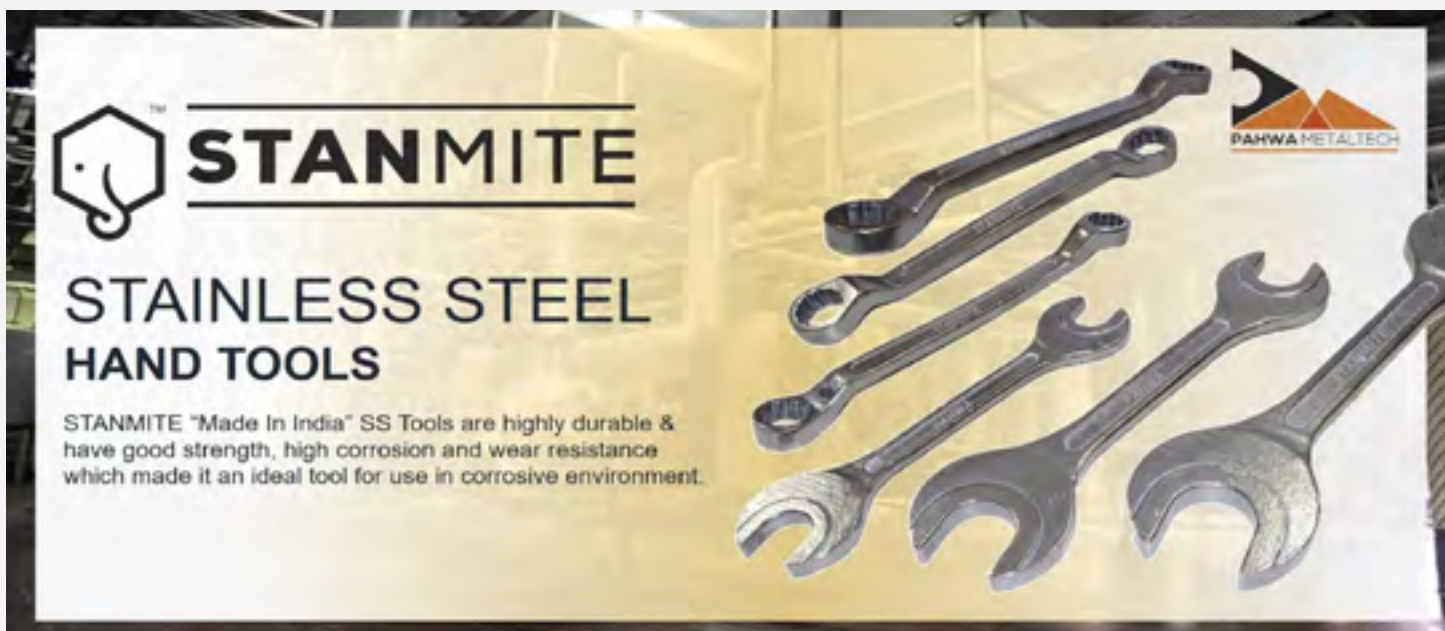


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Made In India	No	No	Yes

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Breweries Industry



Food &
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Pharmaceutical
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**11th BIENNIAL INTERNATIONAL
PHYGITAL CONFERENCE & EXPO**

**INDIA
CHEM
2021**

17- 19 March 2021, New Delhi

**A Phygital (Physical Plus Digital)
Conference & Expo**

Exhibitor Profile: -

Chemicals

- Fine & Specialty Chemicals
- Agro Chemicals & Fertilizers
- Basic Chemicals, Dyes & Pigments
- Chemicals from Herbal & Other Natural Resources
- Paints & Varnishes
- Soaps & Detergents
- Clean Technology Tie-up
- Consultancy for Waste Management, Feedstock Linkages, Processing, Marketing Management, Safety & Environment Protection
- Industrial R & D

Petrochemicals

- Polymers
- Olefins
- Synthetic Fibers
- Elastomers
- Aromatics

- Surfactants

- Plastics

Process Plant Machinery & Equipment

- Process Technology
- Plants
- Machinery & Equipment
- Engineering Project Management & Construction Services
- Environmental / Pollution Management
- Filtration & Separation Systems
- Process Plant Design Services
- Pumps and Valves, Safety Systems
- Tubes & Fittings, Test Kits & Procedures
- Environmental & Water Management Systems
- Laboratory Apparatus
- Research & Development
- Spectroscopy
- Testing & Measurement Technology
- Instrumentation & Process Control

Key Highlights

- Global CEOs Round Table
- India – EU Chemicals & Petrochemicals Forum
- India – Japan Chemicals & Petrochemicals Forum
- India – US Chemicals & Petrochemicals Forum
- Conclave on Indian Petrochemical Industry
- Conclave on Indian Agrochemical Industry
- Conclave on Process, Plant Machinery, Pumps & Valves
- International Exhibition
- Reverse Buyer Seller Meet
- Exclusive B2B/ B2G/ G2G Networking Meeting
- Awards

**EXHIBITION BOOTH PRICE } INR 40,000 + GST
USD 700 + GST**

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For more details, please contact

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Senior Assistant Director
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E: nachiket.basole@ficci.com

Mr. Puneet Maithani
Research Associate
M: + 91-9319440030
E: puneet.maithani@ficci.com

Website - www.indiachem.in

Concurrent Event

**INDIA
PROMACH
2021**





informEx iCSE FDF bio LIVE InnoPack P-mec

~~—Sep 9–11, 2020—~~ Philadelphia, PA, USA

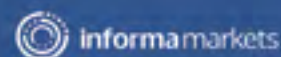
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- Acid Orange Liquid
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- Direct Orange 118 Liquid

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- Basic Bismark Brown Y
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E-mail : hirenenterprises@hotmail.com

Contact : Mr. Narendra Shah (M) 09323414261
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Aditya Birla Thailand

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(240kg Carboys)	Sodium Meta Bi Sulphate
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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.

Di Methyl Acetamide, Di Methyl Formamide, Sodium Metal

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DIPA	Piperazine 68%
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	and Other products

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Mono Isopropyl Amine 70%	Tri Methyl Amine
Mono Methyl Amine	Tri Ethyl Amine

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Para Nitro Toluene

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

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CEO

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Contact

Bharat Mehta

AAKAR DYES AND CHEMICALS (Admin Office)

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Chemical Market Portfolio : <https://www.chemicalmarket.net/profile/aakardyes>

Why Banana Candy Does Not Taste Like Banana Video

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.

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Logistics Marking:

Nearest Sea Port: Kandla and Mundra(Gujrat-India)

Airport: Ahmedabad-(Gujarat-India)



Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers. This page was updated on July 10th 2020



CphI - Informa Group

No	Exhibitions	Date	Place
1	CPhI North America	Aug 10-12, 2021	Philadelph
2	CPhI Worldwide Germany	Aug 31-Sept 2, 2021	Fiera Milano, Milan, Italy
3	CPhI Middle East & Africa	Sept 26-28, 2021	Riyadh, Saudi Arabia
4	CPhI China- Virtual CPhI	Dec 16-18, 2020	Shanghai, China
5	CPhI Japan	Apr 14-16, 2021	Tokyo, Japan
6	CPhI Korea	Oct 11-13, 2021	Seoul, India
7	CPhI India	Jan 27-29, 2021	Noida, India

MECD (Coating Show)

1	Asia Pacific Coatings Show	Sept 01-03-, 2021	Indonesia, Jakarta
2	Middle East Specialty Chemicals Show	June 15 2021	Dubai
3	Middle East Coatings Show	June 14-16, 2021	Dubai
4	Coatings For Africa	June 02-04, 2021	Sandton, South Africa

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<http://chemicalmarket.net/Partners>

CHEMS

1	Dye+Chem Morocco International Expo	Nov 04-07, 2020	Morocco
2	Dye+Chem Sri Lanka International Expo	Mar 21 (Not Final)	Colombo Sri Lanka
3	Dye+Chem Bangladesh International Expo	Sept 01-04, 2021	Bangladesh
4	Dye+Chem Brazil International Expo	TBD 2021	Brazil

Red Carpet Events

1	5th Bangladesh Int'l Dyes, Pigments and Chemicals Expo	Expected Apr 2021	Dhaka, Bangladesh
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Turkey (Arkim Group)

1	InterDye Textile Printing Eurasia	Mar 11-13, 2021	Istanbul
2	Paint Istanbul TURKCOAT	Sept 09-11, 2021	Istanbul
3	Paint Expo Euroasia	Nov 25-27, 2021	Istanbul

Other Exhibitions

1	Paint India	Mar 11-13, 2021	Goregaon, Mumbai
2	Expo Paint and Coatings	July 8-10, 2021	New Delhi, India
3	CIPI	Note Sure	Mumbai, India
4	Chemspec Europe	May 19-20, 2021	Messe Frankfurt, Germany
5	ChemUK 2020	May 12-13, 2021	NBC, Birmingham, UK
6	American Coatings Show	Apr 05-07, 2022	Indianapolis
7	China Coat China	Dec 08-10, 2020	Shanghai, China Shanghai
8	Interdye China	Nov 8-10, 2020	China
9	Paint Expo Germany	Apr 26-29, 2022	Germany

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Glacial Acetic Acid	150 Tons	
Caustic Lye	200 Tons	
Copper Sulphate	10 Tons	
Copper Nitrate	10 Tons	
Titanium Dioxide Ana-tase Grade	3 Tons	
BF3 [Borone Trifluoride]	2 Tons	
Glycerin	5 Tons	-

Details : We Have Our Chemical Factory at Kumbhivali in Raigad District of Maharashtra, India. Required on a Monhly Basis

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Mangalam Organics Limited

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Web : www.mangalamorganics.com

Email : info@mangalamorganics.com

Tel.: +91-22-49204089

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

Details :

Anil Kumar Gupta

M/s Zenith Dyestuffs & Chemical Industries

Ludhiana Road, Malerkotla - 148023

Email : zenithdyes@yahoo.co.in / info@idcda.in

Tel: 01675-263328

Mobile: +91-94172-40234/92165-40234

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

Details :

Mr. Tejas Thakkar

M/s Nitish Enterprises,

203, Dariastan Bldg, 33, Dariasthan Street,

Mumbai - 400003,

Tel: 98200-92170

Product Name	Qty	Grade
Non Ferrous Metals		Manufacturer

Details :

Santosh Thakre

S S Fine Chem Laboratories

Email : ssfinechemlaboratories@gmail.com

Mobile : 9867774142

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

Details :

Lal P Chacko

Email: lalpchacko@hotmail.com

Phone: +91-944-702-0652

Location: Calicut, Kerela

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

Details :

Tajinder Goyal

Softex Surgical

Email : Tajinder.goyal@gmail.com

Ph: +91-980-555-6667

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

Details : Please share the best commercial price of below mention material with terms and condition.

Note: pls send me COA of all the products to technical verify and expedite procurement procedure.

Elixirpharma (www.elixirpharma.in)

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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

Email: purchase@zenengineering.in

Switchboard.: +91-989-283-1911

Product Name	Qty	Grade
Iso Propyl Alcohol		

Details :

Rajkumar Mandal

Mytepol India

Email : info@mytepol.com / Mobile : +91-996-780-0437

Product Name	Qty	Grade
Borax	Bulk	

Details :

Sandip Agarwal

Supreme Borochem Private Ltd

E-mail : sandip@sbpl.co.in Mobile : +91-983-100-1334

Product Name	Qty	Grade
Fast Red RI Base		Industrial

Details :

Vibhu Vaidya

Krupalu Dye Stuff Industries

Email : krupalu@ymail.com

Mobile : 9408554819

Product Name	Qty	Grade
Acrylic Acid		

Details :

Janardhan

Katyayani Polymers

Email : katyayanipolymers@gmail.com

Mobile: +91-995-990-0375

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

Details : Required in June and August.

Dr. Deepak Birewar

Inventys Research Company

Email : 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 (preferred)

Phone : 0712-273-4041

Product Name	Qty	Grade
Pharma Intermediates	-	

Details :

Arnish

Chemox Chemopharma Industries

Email : vekariya.arnish@ymail.com

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

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

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

Mr Kunal Kamat (Procurement Agent)

Kunal Chemicals Trading

Email : kunalchemicaltrading@gmail.com (preferred)

Mobile : +91-932-001-3358

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

Details :

Parthiv

Shiv Chem Industries

Email : 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

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



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Product Name	Qty	Grade
Glycerine Terpinol		
Details : Sanjay Rokad Shreeji Enterprise Email : rokadsanjay@yahoo.com Mobile : +91-701-615-0012		

Product Name	Qty	Grade
Acetic Acid	Tanker	
Details : Dinesh Gupta HARESH ENTERPRISES (Wholeseller) Email: setuenter@yahoo.co.in Mobile: +91-9824200441		

Product Name	Qty	Grade
Ammonium Sulphate pure white		
Details : Manish SM Dharani Chem Pvt Ltd(Manufacturer) Email : manish@smdcpl.in Mobile : 9879408765		

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

Product Name	Qty	Grade
N-Ethyl-2-Pyrrolidone NEP	8000 Kgs	Technical
Details : Vandit Shah Pune, Mh Mobile: 9327238521 Email : vandit09@gmail.com		

Product Name	Qty	Grade
2,4,6 Trichloro Aniline	100 Kgs	Chemical
Details : please send us the details PRAVIN IYER Vadodara, Gujarat Mobile: 9898507767 Email : pravin.iyer@atpigments.com		

Product Name	Qty	Grade
Diethylene Glycol		
Details : Rakesh Bachani Royal Chemicals (India) Email : info@royalchemindia.com Mobile : +91-922-150-3305		

Product Name	Qty	Grade
Naphthalene Powder	-	
Para Di Chloro Benzene Powder		
Camphor Powder		
Details : Xavi Gabhri Pharma (Manufacturer) E-mail : fragrancevalley1992@gmail.com Mobile : 9847687718		

Product Name	Qty	Grade
Resorcinol	-	
Triethyl amine		
Paraformaldehyde		
Formaldehyde		
Details : Ashok Patil (Manufacturer) DD Patil Chemicals, Amalner Dist Jalgoan Email: ddchemicalsales@gmail.com Mobile: +91-735-022-6099		

Product Name	Qty	Grade
Pine Oil	-	
Emulsifier Alfox200		
various TOP		
Details : I need total raw materials for mfg. of Detergent powders, Floor cleaning Liquid etc. Arvindbhai Vadhadia NewCera Minechem (Manufacturer) Email : newceraminechem62@yahoo.com Mobile : +91-9429460123		

Product Name	Qty	Grade
3-(2-Ethyhexyloxy) Propylamine. CAS NO : 5397-31-9	5 Tons	
Details : Raj Shah NASSOLKEM, BUL BUL (Manufacturer) Email : natchem@gmail.com Mobile : 7069039335		



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

Details : Required On Regular Basis. Min Qty 2000 Ltr.

Jitendra Bhalgat

Ahmednagar, Maharashtra, India

Email : jbhalgat11@gmail.com

Mobile : 9422220871

Product Name	Qty	Grade
Toulene	5000 Kgs	Industrial

Details : Kindly arrange to send us quotations

Santosh Taksale

Pune, MH

Mobile: 9028843799

Email: santosh.taksale@manikchandpackaging.com

Product Name	Qty	Grade
Sodium Hypochlorite	500 Kgs	Chemical

Details : We need this product on a regular basis (Monthly) Please contact us if you are a manufacturer or a distributor. (Required in and around Calicut Kerela)

Rajshree Varshney

Mumbai, Mh

Mobile: + 917520945076

Email : rajshree.varshney@gmail.com

Product Name	Qty	Grade
Tera Hydrofurin (thf)	-	

Details : We are Trader and Deal in api and solvents

Rajiv Kapoor

Global Enterprises (Traders)

Mobile: 8866506582

Email : globalenterprisespurchase@gmail.com

Product Name	Qty	Grade
Modified Starch	1 Tonnes	Technical

Details : for our won purpose

Purushotham M

Salem, Tamil Nadu, India

Mobile: +919443326055

Email : sreestarch@gmail.com

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

Details : for our won purpose

Chetan Lakhpati

Thane, Maharashtra, India

Mobile: 9920337763

Email : clakhpati@gmail.com

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

Details : An Aviation/Airline Disinfection product that complies with the widely used industry specifications AMS1452 or AMS1453 (Such as substances containing 62% -71% ethanol alcohol, 0.5% hydrogen peroxide, or 0.1% sodium hypochlorite).

Kishor at Moglix

Noida

Mobile: 96503-64721

Email : Kishor.tarafdar@moglix.com

Product Name	Qty	Grade
IPA		

Details : Bulk requirement

Amit Dave

Amit International (Distributor)

Email : amitintl@zoho.com

Mobile : 9821323563

Product Name	Qty	Grade
Fast Red KD Base (HS Code - 29225014)	2 t every month	

Napthol AS-LC (HS Code - 32041929)

Napthol ASIRG (HS Code - 29242990) 500 kg every month

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

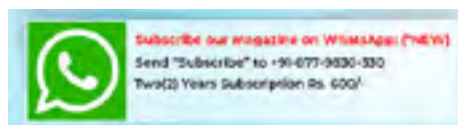
Details :

Pravin Iyer

AT Pigments (Manufacturer)

Email : pravin.iyer@atpigments.com

Mobile : 9898507767



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Product Name	Qty	Grade
Titanium dioxide		
Details : P. DO. SHAH SEMITONE INDIA (Manufacturer) Email : prakash@pcf.co.in Mobile : 918850655380		

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Product Name	Qty	Grade
Glacial Acetic Acid	30 Kgs	
Details : Please send us the below information of this product with COA / spec If you have any query then feel free to contact me directly. Thank you in advance, and look forward to receive the requested information from you. Abhishek Jha (Executive Purchase) Abhishek Jha Valsad, Gujarat, India Email : pur5@triveniinterchem.com		

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Product Name	Qty	Grade
Barium Titanate		
Calcium Titanate		
Lead Titanate		
Lithium Titanate		
Details : P. DO. SHAH SEMITONE INDIA (Manufacturer) Email : prakash@pcf.co.in Mobile : 918850655380		

Product Name	Qty	Grade
Industrial Label Gum 38051010		
Details : Janardhan Katyayani Polymers (Manufacturer) Email : katyayanipolymers@gmail.com Mobile: +91-995-990-0375		

Product Name	Qty	Grade
Purified Terephthalic Acid	-	Trader
Details : Rakesh Bachani Royal Chemicals (India) Email : info@royalchemindia.com Mobile : +91-922-150-3305		

Product Name	Qty	Grade
Toluene c9 and solvents	-	Trader
Details : We are Trader and Deal in api and solvents Rajiv Kapoor Global Enterprises (Traders) Mobile: 8866506582 Email : globalenterprisespurchase@gmail.com		

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

Product Name	Qty	Grade
Atul Direct Fast Orange GR		
Atul Direct Violet Extra		
Atul Direct Fast Scarlet 4BS		
Atul Acid Orange II		
Atul Crocein Scarlet Moo		
Amarthol Asph		
Solophenyl Fast Grey Rln		
Ciba Typewriter Brand Direct Green		
Solophenyl Blue BL 200		
Chemicals		
Mitesh Modi Contact : 9830090208, 9339459367 Email : amritdyes1952@gmail.com		

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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

Mobile: +91-735-022-6099

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

Details :

Dinesh Gupta

HARESH ENTERPRISES (Wholeseller)

Email: setuenter@yahoo.co.in

Mobile: +91-9824200441

Product Name	Qty	Grade
Ammonium Sulphate caprolactum grade		

Details :

Manish

SM Dharani Chem Pvt Ltd(Manufacturer)

Email: manish@smdcpl.in

Mobile : 9879408765

Product Name	Qty	Grade
Sodium Bi Sulphate	-	-

Details :

M/s Anant Corporation / Nitish Enterprise

203, Dariyasthan Chambers, 2nd Floor, 33, Dariyasthan Street, Masjid (West), Mumbai - 400 003

Tel: 022-6331-2140 Fax: 022-2347-1894

Mobile: 098200-92170, 098198-61068

Email: nitish2846@gmail.com

Product Name	Qty	Grade
Plastic Bottles		
Carboys		
M.S. Capsules		
Bungs		

All Types of Sealing Machines

Details :

M/s Samir Brothers

Ashok Niwas, 2nd Floor, Daulat Nagar, Road No. 3, Borivali (East), Mumbai - 400 066.

Tel: 022-2808-1542 / 022-2805-9475 /

022-2855-8035 (R)

Contact For: Plastic Bottles, Carboys,

M.S. Capsules, Bungs & All Types of

Sealing Machines

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

Details :

Jitendrabhai

Mobile : +91-9904063662



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

Details : We want Indian manufacturers for pigment intermediates listed above. we are into manufacturing organic pigments.

Pravin Iyer

AT Pigments (Manufacturer)

Email : pravin.iyer@atpigments.com

Mobile : 9898507767

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

Details :

R P Agrawal

Texochem Industries (Manufacturer)

Email : info@texochem.com

Mobile : 919820217042

Product Name	Qty	Grade
Glycerine	12 Tons	Manufacturer

Details :

Tajinder Goyal

Softex Surgial

Email : Tajinder.goyal@gmail.com

Ph: +91-980-555-6667

Product Name	Qty	Grade
Pharma Intermediates	-	

Details :

Arnish

Chemox Chemopharma Industries (Manufacturer)

Email : vekariya.arnish@ymail.com

Mobile: +91-990-908-3070

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

Details :

Jagdish Thakral

Shri Hariram Export Pvt. Ltd. (Manufacturer)

Email: jthakral@kailashgroup.com

Phone : 07122734041

Product Name	Qty	Grade
Polyacrylamide		
Hydrochloric Acid		
Industrial Safety Mask		

Details : Bulk requirement

Amit Dave

Amit International (Distributor)

Email : amitintl@zoho.com

Mobile : 9821323563

Product Name	Qty	Grade
Hydrazine Hydrate 80%		

Details : we have stock of our own imports

Anamika soni

Punjab Chemicals & Crop Protection Ltd
(Manufacturer)

Email : anamika@punjabchemicals.com

Mobile : 9867724805

Product Name	Qty	Grade
EDTA Tetra Sodium Liquid	-	

Details :

Parthiv

Shiv Chem Industries (Manufacturer)

Email : chelateshivchem@yahoo.co.in

Tel.: 079-2282-3447

Product Name	Qty	Grade
Diffubenzurone	250 Kg 500 Kg	

Details :

CHANDRESH HAPANI

ANIMED (Distributor)

Email : animed6@yahoo.co.in

Mobile : 9830175616



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Product Name	Qty	Grade
Sulphur Powder		
Sulphur Roll		
Details : we are manufacturers of Sulphur powder and Sulphur roll Adesh J.K.Industries, Deoband (Trader) Email : jkind.dbd@gmail.com Mobile : 9412113914		

Product Name	Qty	Grade
Mercuric Chloride		
Details : Surendra Agrawal Ankur Chemicals (Manufacturer) Email : ankurchemical@yahoo.com Mobile : 09352500959		

Product Name	Qty	Grade
Personal Care		
Home Care		
Detergent raw materials		
APG		
Decyl glucoside		
Coco Glucoside		
Lauryl Glucoside		
Saurasoft 612 (Lipid Layer Enhancer)		
MES Liquid (Methyl Ester Sulphonate)		
PEG 400		
Defoamer		
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 : Prashant Satpute Sauradip Chemical Industries Pvt. Ltd. (Manufacturer) Email : prashant.satpute@sauradip.com Mobile : 09769015004		

Product Name	Qty	Grade
Solvent Dyes (solvent yellow 82 & orange 62)		
Details : Prakash Patel NAVDURGA DYES & CHEMICAL (Manufacturer) E-mail : navdurgadyes@gmail.com Mobile : 9022673905		

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

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

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

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



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CHEMICAL MARKET

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Adhesives and sealants - Present and Future

The global adhesives and sealants market size was valued at US\$ 44.1 billion and US\$ 10.4 billion respectively in 2019 and expected to grow at a compound annual growth rate (CAGR) of 6.7% and 6.1% during the forecast period 2020 to 2027.

An adhesive refers to a chemical mixture that is used to join two surfaces together into a single unit, while a sealant refers to a semisolid material used to prevent fluid leakage. Adhesives and sealants are produced using similar technologies and chemicals, and are used in a similar range of applications. Although they are counted as a single industry, their performance is different across end-use applications. Regulatory bodies have set different test methods and specifications for each of them. Adhesives have higher tensile and shear strength that makes the material preferable for bonding and holding-related applications. Besides this, sealants fill gaps as well as resist relative movement of substrates. They have lower strength compared to adhesives, but possess greater flexibility.

Rising trend of lightweight and low CO₂ emitting vehicles supported by strict government regulations for environmental protection considered as the key factor that drives the market growth of adhesives and sealants. Automotive

is one of the largest end-use industries of adhesives and sealants. Contribution of adhesives & sealants towards weight reduction of vehicles considered as the key factor that improves the fuel efficiency and limit the vehicle emission. Adhesives proved as a boon for OEMs (Original Equipment Manufacturers) in reducing weight of an automobile and meeting with stringent environmental regulations for CO₂ emissions.

However, North America and Europe have strict regulations regarding the production of petro-based and chemical products. Agencies such as the European Commission (EC) and Epoxy Resin Committee (ERC) govern the manufacturing of solvent-based products in these regions. This affects the production capabilities of manufacturers and compels them to focus more towards eco-friendly adhesives for example water-based adhesives.

Global adhesives and sealants market is moderately fragmented with the presence of major market players. These major players in the market occupy over 65% of the total share, thereby leading the market towards consolidation. These market leaders are engaged in capacity expansions, new product launch, partnerships & collaborations, and mergers & acquisitions. For instance, in November 2019, Bostik introduced its new

engineering adhesives product range named Born2Bond. This new product range was designed for applications in industries such as electronics, luxury packaging, MRO, automotive, and medical devices. With this launch, the company aimed to expand its product portfolio and increase its profitability.

Some of the key players operating in the market are H.B. Fuller Company, 3M Company, Avery Dennison Corporation, Dow Chemical Company, Bostik SA, BASF AG, Uniseal Inc, ND Industries Inc., Beardow & Adams Adhesives Inc., Ashland Inc., Momentive Specialty Chemicals Inc., Eastman Chemical Company, and Sika AG among others. (inputs and research from PRGlobal-Newswire)

Rajiv Parikh



Toxic Chemical in Gloves Responsible for Cannabis Recall

SOUTH LAKE TAHOE, Calif., Feb. 25, 2021 /PRNewswire/ -- Contaminated single-use gloves were responsible for the recent recall of products from a pesticide free cannabis producer and processor. The antimicrobial chemical o-Phenylphenol, listed by the Office of Environmental Health Hazard Assessment (OEHHAA) as a compound known to cause cancer, was identified as the contaminant in the FDA compliant food grade gloves.

"Nothing ruins your day like testing your product, confident it will be clean, only to find it contaminated with some crazy, toxic chemical. The gloves were the last thing we tested, we just never imagined something sold as food safe could transfer such nastiness. The discovery was just the beginning... recalls are costly in more ways than one." - Freya Farm

After initial approval, non-sterile FDA compliant food grade gloves are not subject to ongoing controls to ensure the reliability and consistency of raw material ingredients or quality process-

es during manufacturing. Opportunity exists for glove manufacturers to use cheap raw materials which lower glove durability and can introduce toxic compounds which can transfer to glove users and products handled.

The company affected by the glove contamination, Freya Farm, grows high-grade and unique strains of cannabis. They have since started purchasing gloves from Eagle Protect, who are implementing a proprietary third-party glove analysis to ensure a range of Eagle gloves are of consistent high-quality, and free from harmful contaminants, toxins and pathogens.

"Sourcing quality, third-party tested gloves, from a company our customers can trust, is assurance they are receiving the best gloves to handle their products. Sourcing from us mitigates food safety and brand reputational risks," explained Eagle Protect CEO, Steve Ardagh.

Harmful toxins and contaminants in gloves have been identified in many peer reviewed scientific studies, which

is now a real issue for companies producing consumer products, especially in industries such as organics and cannabis whose products must be clean when tested.

Single-use gloves, even those FDA compliant, can be a risk to product recalls and brand reputation. In addition, consumers of contaminated products, and staff wearing contaminated gloves are at risk of absorbing toxins, which have often been identified as causing cancer, and reproductive and hormonal damage.

Responsible sourcing is vital as poor quality, counterfeit and even reused gloves are being traded, as the Covid related demand for single-use gloves exceeds supply.

Read the full report : lynda@eagleprotect.com

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

Polyplastics is Expanding the DURACON (R) POM PM Series with a New High-Flow Type for the Medical and Healthcare Industries

TOKYO , Mar. 1, 2021 / PRNewswire / - Polyplastics Group is expanding its DURACON (R) polyoxymethylene (POM) PM series portfolio with the development of a new high flow grade for drug contact and delivery applications for the medical and healthcare markets. The new grade, DURACON PM27S01N,

offers reduced wall thicknesses, miniaturization and lower weight for various medical devices that are becoming more and more complex and highly functional.

Polyplastics' PM series, which includes DURACON PM09S01N, a standard

viscosity grade, complements the company's TOPAS (R) Cyclic Olefin Copolymer (COC), a high purity material for a range of medical applications.

DURACON PM27S01N fulfills the worldwide medical and food regulations. In a changing and growing mar-



ket, medical device manufacturers and end users demand high quality materials and reliable suppliers, according to Polyplastics, a world leader in POM materials for various markets.

DURACON PM27S01N meets regulatory requirements, including ISO10993 and USP Class VI biocompatibility / cytotoxicity, FDA Drug Master File (DMF) and Device Master File (MAF) as well as EU 10/2011 and FDA food contact 21 CFR 177.2470.

The material is subject to strict quality management, including conformity with a VDI guideline, VDI 2017 medical-grade plastics. It also offers full traceability of processes and products as

well as production management based on the principle of good manufacturing



practice (GMP). Polyplastics also offers uniform quality and worldwide supply.

Polyplastics provides medical device manufacturers with extensive data on the long-term reliability of their materials. Custom data on extraction, mal-

leability, durability, lubricity and wear and other important properties are also available.

TOPAS COC is a crystal-clear and high-purity plastic that offers rigidity and barrier resistance, biocompatibility and drug compatibility for wearables, drug delivery, medical devices, pharmaceutical blisters and trays as well as diagnostics and microfluidics.

Read the full report : https://www.polyplastics.com/en/docs/lp/201901_01/index.vm

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

\$2.8 Billion Worldwide Barium Nitrate Industry to 2027 - Impact of COVID-19 on the Market

DUBLIN, Feb. 26, 2021 /PRNews-wire/ -- The "Barium Nitrate - Global Market Trajectory & Analytics" report has been added to ResearchAndMarkets.com's offering.

The publisher brings years of research experience to the 8th edition of this report. The 179-page report presents concise insights into how the pandemic has impacted production and the buy side for 2020 and 2021. A short-term phased recovery by key geography is also addressed.

Global Barium Nitrate Market to Reach \$3.7 Billion by 2027

Amid the COVID-19 crisis, the global market for Barium Nitrate estimated at US\$2.8 Billion in the year 2020, is projected to reach a revised size of US\$3.7 Billion by 2027, growing at a CAGR of 3.9% over the analysis period 2020-2027.

Fireworks/Pyrotechnics, one of the

segments analyzed in the report, is projected to record a 3.7% CAGR and reach US\$2.6 Billion by the end of the analysis period. After an early analysis of the business implications of the pandemic and its induced economic crisis, growth in the Glass/Ceramics segment is readjusted to a revised 4.7% CAGR for the next 7-year period.

The U.S. Market is Estimated at \$754.7 Million, While China is Forecast to Grow at 6.9% CAGR

The Barium Nitrate market in the U. S. is estimated at US\$754.7 Million in the year 2020. China, the world's second largest economy, is forecast to reach a projected market size of US\$775.8 Million by the year 2027 trailing a CAGR of 6.9% over the analysis period 2020 to 2027. Among the other noteworthy geographic markets are Japan and Canada, each forecast to grow at 1.2% and 2.9% respectively over the 2020-2027 period. Within Europe, Germany is forecast to grow at approximately 2% CAGR.

Other End-Uses Segment to Record 4.2% CAGR

In the global Other End-Uses segment, USA, Canada, Japan, China and Europe will drive the 3.6% CAGR estimated for this segment. These regional markets accounting for a combined market size of US\$252.2 Million in the year 2020 will reach a projected size of US\$324 Million by the close of the analysis period. China will remain among the fastest growing in this cluster of regional markets. Led by countries such as Australia, India, and South Korea, the market in Asia-Pacific is forecast to reach US\$518.1 Million by the year 2027, while Latin America will expand at a 5.2% CAGR through the analysis period.

Read the full report <https://www.researchandmarkets.com/r/oac3ty>

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



Huntsman Bags Award For CSR Excellence

Recognised by the Federation of Gujarat Industries (FGI) for its Corporate Social Responsibility program focusing on furthering education, skill development and livelihood in rural areas~

Vadodara, India, February 8, 2020: Huntsman, the global manufacturer and marketer of differentiated chemicals, was conferred with an award by the Federation of Gujarat Industries (FGI) for its outstanding contribution in the field of Corporate Social Responsibility (CSR). The award was presented to the Huntsman Textile Effects Baroda plant for its distinguished initiatives focusing on creation of livelihood through agriculture and animal husbandry, holistic education, and skill development in Luna and Umraya villages.

Upon receiving the award, Rajib Kumar, HR Head – India Subcontinent, Huntsman Corporation, said “Furthering community welfare and enriching lives has always been an integral part of our vision. On this occasion, we thank the Federation of Gujarat Industries for recognizing the work we have done in the areas of education, skilling, and livelihood. This accolade reinforces Hunts-

man's drive for holistic development and empowering communities while co-existing with them.”

**Rayomand Sabawalla, -
Head – India Community
Program, Huntsman In-
dia, said, “This award is a**



**testament to our efforts in
working towards the uplift-
ment of local communities.
We shall continue to build
on our programs focusing
on agriculture and animal
husbandry to further en-
hance livelihood and in-
come generation, while also
providing children with**

access to quality education.”

Over the last three years, Huntsman has been working towards enhancing the income of farmers through sustainable agriculture and animal husbandry projects, uplifting women dairy farmers through livestock management, and facilitating quality education and skill development for Luna and Umraya villages. The project has so far helped over 200 farmers, 150 women dairy workers, and 1200 school students from rural areas.

The award was conferred by Mr. Yogesh Patel, MLA, Vadodara in the presence of various dignitaries of the fraternity at the Ramanbhai Amin Auditorium, FGI Business Center in Vadodara.

In the past, Huntsman has been recognized with the CSR Excellence Jury Award at the 2018 Gujarat Summit and the Antyodaya CSR Award by the Maharaja Sayajirao University, Baroda for its Corporate Social Responsibility initiative, ‘Anandi’.

Source : Chemical Market

Kamdhenu Paints Launches Digital Campaign to Spread love

Mumbai, 8th February 2021: Kamdhenu Paints, a leading manufacturer of high quality paint and emulsion in the country, launched a digital campaign to give the concept of love a new perspective from 7th Feb to 14th Feb 2021. Coinciding with the valentine season, this campaign #TheWallOfLove will showcase the moments of love and

care to the needy through the frame of memories. The campaign is based on the idea that there is no wall between love.

Talking about the campaign, Mr Saurabh Agarwal, Director, Kamdhenu Paints said, “The valentine season is all about love and what better time to promote the social message of love

and bridge the barriers of difference by reaching out to the needy, caring for the underprivileged and showing our appreciation to the wonderful citizens of this country. As we slowly emerge from the shadow of the pandemic, a lot many of us would have suffered some form of loss. This is the season for us to show

Continued on page 39



TORAY SETS UP PRODUCTION LINE FOR BREATH-O CORRECT™ ORTHOKERATOLOGY LENS

Tokyo, Japan, February 5, 2021 – Toray Industries, Inc., has set up a dedicated production line at its Shiga Plant for Breath-O Correct (medical device approval number in Japan: 22400BZX00094000), an Orthokeratology (corneal correction therapy) lens manufactured by Universal View Co., Ltd., and distributed by SEED Co., Ltd.

Toray will initiate full-scale production of the lenses during the fiscal year that begins in April 2021 to ensure stable supplies. Another goal is to strengthen competitiveness in Orthokeratology, which is poised to become an important new vision correction modality in Japan and other Asian countries.

Universal View developed Breath-O Correct using a Toray-developed material that offers outstanding resistance to breakage and high oxygen permeability (the permeability coefficient (Dk) is: $(156 \pm 31) \times 10^{-11} (\text{cm}^2/\text{sec}) \cdot [\text{mLO}_2/(\text{mL} \cdot \text{mmHg})]$). Universal View launched production in 2012. Toray was the distributor. In April 2019, Universal View, SEED, and Toray agreed to promote Orthokeratology together. SEED accordingly became

the distributor in October that year.

Manufacturing lenses in-house will enable Toray to not only stabilize supplies for consumers but also employ advanced material technologies to develop high value-added products. The company will thereby contribute to social progress while sustainably expanding its business.

Source : Toray

SANOFI TO PROVIDE MANUFACTURING SUPPORT TO JOHNSON & JOHNSON FOR THEIR COVID-19 VACCINE TO HELP ADDRESS GLOBAL SUPPLY DEMANDS

Sanofi has entered into an agreement with Janssen Pharmaceutical NV and Janssen Pharmaceuticals, Inc., two of the Janssen Pharmaceutical Companies of Johnson & Johnson, under which Sanofi will support manufacturing of Janssen's COVID-19 vaccine in order to address the COVID-19 pandemic and supply needs. Janssen has submitted an application to the U.S. Food and Drug Administration (FDA) requesting Emergency Use Authorization for its single-dose Janssen COVID-19 vaccine candidate and an application for conditional marketing authorisation to the European Medicines Agency.

Once authorized, Sanofi will provide Johnson & Johnson access to the established infrastructure and expertise of its vaccine manufacturing plant in Marcy l'Etoile, France, to formulate and fill vi-

als of Janssen's COVID-19 vaccine candidate in 2021, at a rate of approximately 12 million doses per month.

"Today's agreement is the second of its kind and demonstrates Sanofi's ongoing commitment to the collective effort to ending this crisis as quickly as possible," said Paul Hudson, Chief Executive Officer, Sanofi. "While our priority remains advancing our two COVID-19 vaccine programs, we recognize there are opportunities to increase supply and expand access to COVID-19 vaccines. As such, without compromising other essential medicines and vaccines, and where we have the right manufacturing capabilities, we are stepping forward to show solidarity in the industry and continue doing our part in the fight against COVID-19."

Sanofi earlier announced an agreement with Pfizer-BioNTech under which Sanofi will support the manufacturing and supply of more than 125 million doses their COVID-19 vaccine.

Sanofi's priority is to continue to develop its two COVID-19 vaccine candidates

Sanofi is collaborating with GSK on a COVID-19 vaccine candidate using the same recombinant protein-based manufacturing technology as one of Sanofi's seasonal influenza vaccines, combined with GSK's established pandemic adjuvant platform.

The Companies initiated a new Phase 2 study in February 2021 that will evaluate the vaccine candidate with an improved antigen formulation in order to achieve high-level immune response across all age groups. If data are positive, a global Phase 3 study could start in Q2 2021. Positive results from this study would lead to regulatory submissions in the second half of 2021, with potential availability of doses in the fourth quarter of 2021.



In addition to the recombinant protein-based vaccine in collaboration with GSK, Sanofi is developing a messenger RNA vaccine in partnership with Translate Bio.

Preclinical data showed that two immunizations of the mRNA vaccine induced high neutralizing antibody levels that are comparable to the upper range of those observed in infected humans. A Phase 1/2 study is expected to start in Q1 2021.

Source : Sanofi

**WELLDON AND LILLY
COLLABORATE
TO INTEGRATE
BLUESTAR® APP
CAPABILITIES INTO
LILLY'S CONNECTED
INSULIN SOLUTIONS**

COLUMBIA, Md. and INDIANAPOLIS, Feb. 25, 2021 /PRNewswire/ -- WellDoc, Inc., and Eli Lilly and Company (NYSE: LLY) announced today a collaboration and licensing agreement to integrate WellDoc's software into Lilly's connected insulin solutions, currently in development. Under the terms of the agreement, Lilly and WellDoc will collaborate to create a new version of the BlueStar® insulin management solution that integrates insulin dosing data for several Lilly insulins. Lilly will commercialize the pen platform, which will include the new app and Lilly's connected insulin pen solutions.

WellDoc's BlueStar app is a digital health solution cleared by the U.S. Food and Drug Administration (FDA) for use by adults with type 1 or type 2 diabetes. The app has both prescription and non-prescription features such as insulin titration support, a bolus calculator and personalized health coaching, and integrates blood glucose monitoring and continuous glucose monitoring for people who use insulin.

The new app will integrate insulin dosing data for several Lilly insulins. In the first version of the pen platform, a data transfer module will attach to the top of a prefilled, disposable insulin pen. When paired with the compatible app, the module will automatically transfer insulin dosing data. Lilly is also developing a fully disposable connected insulin pen to be used in future versions of the platform. The app will aggregate various dimensions of personalized data and connect with healthcare providers to deliver actionable insights and provide new opportunities to optimize diabetes care.

"Insulin dosing data are a critical piece of the diabetes management puzzle for people who use insulin to manage their diabetes, and Lilly has made significant progress in developing connected insulin pen solutions to provide access to those data," said Kevin McRaith, President and CEO of WellDoc. "Our software will now bring all of the most important diabetes data directly into the hands of people living with the condition, their caregivers and their healthcare providers. Bringing various elements of a patient's care under one platform is critical for those who are managing multiple comorbidities and providers who are working to effectively manage population health. WellDoc's platform combines a holistic approach with an evidence-based care model tailored to specific chronic conditions including diabetes, hypertension, behavioral health and more."

Lilly plans to submit to the FDA in 2021 for the data transfer module, and WellDoc plans to submit to the FDA in 2021 for the new app. The prefilled, disposable insulin pen to be used in the first version of the pen platform was approved by the FDA in late 2019. If cleared, Lilly plans to commercialize the initial pen platform in the United States and will evaluate opportunities to launch the platform in other geographies. WellDoc will continue to separately commercialize the BlueStar app.

"Today, less than half of people who use insulins are achieving their target A1C goals. We want to simplify the experience of using insulin by integrating our medicines with the most innovative technology available," said Marie Schiller, vice president of product development for Connected Care and Insulins at Lilly. "We are excited to collaborate with WellDoc. Together, we will combine their advanced software capabilities and expansive insulin management features with our connected insulin pen solutions with the goal of easing the burden of diabetes care on people living with the condition."

Source : Lilly

**NOVO NORDISK AND
THE UNIVERSITY OF
TORONTO ANNOUNCE
JOINT 200 DKK
MILLION INVESTMENT
TO ADDRESS DIABETES
AND CHRONIC DISEASE
PREVENTION**

Transformative partnership reunites University of Toronto and Novo Nordisk to commemorate the 100th anniversary of the discovery of insulin and jumpstart a new era in precision public



health Toronto, Canada and B agsværd, Denmark 24 February 2021 – Novo Nordisk A/S and the University of Toronto (U of T) today announced a DKK 200 million (CAD 40 million) investment to establish the Novo Nordisk Network for Healthy Populations. The network will focus on new ways to support healthier urban populations and will draw on U of T's leading expertise in public health research and education programmes to impact the global fight against diabetes and other serious chronic diseases. Based at U of T Mississauga, the new network will be a partnership between the Dalla Lana School of Public Health, the Temerty Faculty of Medicine and University of Toronto Mississauga.

“As we commemorate the 100th anniversary of the discovery of insulin at U of T, we are thrilled to once again partner with Novo Nordisk, a company that understands the vital importance of helping those living with diabetes and other chronic diseases,” said U of T President Meric Gertler. “Their historic investment will build capacity for research and education at the University. It will bring together existing expertise

from across U of T, our health sector partners in the Mississauga community and the broader region. It will make a real difference to people coping with chronic diseases not just here in Canada, but around the world.”

In 1921, a U of T research team of Frederick Banting, Charles Best, J.J.R. MacLeod and James Bertram Collip discovered insulin. Novo Nordisk predecessors, Nordisk Insulin Laboratorium and Novo Terapeutisk Laboratorium, were among the first to produce insulin at a large scale, bringing this life-saving treatment from University of Toronto labs to people with diabetes around the world. Now, 100 years later, U of T and Novo Nordisk will once again work together to improve the lives of people living with diabetes – with an ambition to prevent type 2 disease.

“Fulfilling our company’s purpose to defeat diabetes, obesity and other serious chronic diseases requires much more than innovative medicine,” said Lars Fruergaard Jørgensen, CEO and President of

Novo Nordisk. “One hundred years after the discovery of insulin, we’re proud to once again partner with the University of Toronto with the ambition of helping society to address the root causes of type 2 diabetes and obesity. As we recognise insulin’s success in saving millions of lives around the world, we are excited to expand our commitment towards the prevention of these serious chronic diseases.”

Novo Nordisk’s is donating DKK 100 million (CAD 20 million) to the network which is being matched by U of T with further DKK 100 million in financial and in-kind contributions. In addition, Novo Nordisk has made an additional DKK 10 million (CAD 2 million) donation to U of T’s Banting and Best Diabetes Centre in support of discovery research and to honour Banting and Best’s enduring legacy.

Source : Novo Nordisk

CHEMICAL TECHNOLOGY

DUPONT ACQUIRES CORE MATRIX TECHNOLOGY™ FROM TEX TECH

WILMINGTON, Del., Feb. 11, 2021 – DuPont (NYSE:DD) announced it has acquired Tex Tech’s Core Matrix Technology™, a monolithic fabric structure that can significantly reduce backface trauma, while increasing ballistic and fragmentation performance for military and law enforcement personnel. Financial terms of the agreement were not disclosed.

DuPont’s acquisition of this global-

ly-patented and unique Core Matrix Technology™ adds to the Company’s already robust portfolio of life protection solutions, enabling the most flexible, lightweight ballistic solutions to meet new National Institute of Justice (NIJ) standards for enhanced durability. In addition to enhanced protection, the new technology also increases the comfort of wearing bullet-resistant body armor.

“The addition of the Core Matrix Technology™ to the family of DuPont Life Protection solutions enables us to offer a more comprehensive portfolio to meet any

and all protection needs for soldiers and law enforcement personnel,” said John Richard, vice president, DuPont Safety Solutions. “With the combination of the Core Matrix Technology™ and our current and future fiber technologies we are well positioned to offer the best, most flexible and lightest weight solutions available.”

The needs of today’s military, law en-



forcement and global security professionals require advanced materials to help protect those who protect people worldwide. DuPont is committed to providing the most innovative solutions designed for specific hazards, and this acquisition strengthens an increasingly robust portfolio of technologies to help our customers meet their current and future challenges. An overview of our life protection products and technologies can be found here <https://www.dupont.com/life-protection.html>

“This transaction will increase the global accessibility of Core Matrix Technology™”, said Scott Burkhart, CEO Tex Tech.” “Leveraging DuPont’s technical expertise, brand leadership, global reach, and value chain relationships will accelerate the expansion of the Core Matrix Technology™ across regions and market segments with a differentiated solution to improve the protection and performance of body armor for soldiers and law enforcement personnel.”

Source ; Dupont

EXXONMOBIL TESTS ADVANCED RECYCLING OF PLASTIC WASTE AT BAYTOWN FACILITIES

- Developing capability to convert plastic waste into valuable products at scale
- Proprietary process leverages existing integrated facilities
- ISCC+ certified circular plastic polymers to be marketed later this year

IRVING, Texas – ExxonMobil has completed the initial phase of a plant trial, testing a proprietary advanced recycling process for converting plastic waste into raw materials for production of highvalue polymers. The trial, at the company’s existing facilities in Baytown,

Texas, marks another step in ExxonMobil’s efforts to reduce plastic waste in the environment and maximize resource recovery.

ExxonMobil intends to use results from the Baytown trial to scale-up advanced recycling capabilities at other global facilities, targeting a circular solution for converting difficult-to-recycle plastic waste into feedstock for virgin-quality plastic.

“ExxonMobil is taking action to help address the issue of plastic waste,” said Karen McKee, president of ExxonMobil Chemical Company. “This advanced recycling initiative brings together the strength of ExxonMobil’s integrated petrochemical facilities and our deep technology expertise in chemical processing to capture value from plastic waste and meet our customers’ growing demand for highperformance, certified circular polymers.”

ExxonMobil has already obtained certifications through the International Sustainability and Carbon Certification Plus (ISCC+) process. ISCC+ is widely recognized by industry as an effective system to certify products that result from advanced recycling of plastic waste. Pending a successful completion of the next phase of the Baytown plant trial, the company plans to market commercial volumes of certified circular plastics later this year.

ExxonMobil has also 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.

The company supports making the most of resources and minimizing waste, which are the underlying principles of

the circular economy concept. Innovation and new processes, such as advanced recycling of plastic waste, will play important roles.

ExxonMobil is 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.

Source : Exxonmobil

DOW’S FASTRACK™ TECHNOLOGY SUPPLIES LONG- LASTING, REFLECTIVE ROAD STRIPES WITH INTEGRITY

- Traffic paints formulated with FASTRACK™ Binders are time-tested and field-proven to offer exceptional performance in adverse conditions.
- Dow has developed new DURATRACK™ two-component (2K) technology for broad area markings, including green bike lanes.

COLLEGEVILLE, PA. – February 4, 2021 – Dow (NYSE:DOW) announces its newly developed DURATRACK™ 2K Technology for broad area markings, including green bike lanes. Dow’s green bike lane coatings offer the handling and spray ability of a waterborne system, with the performance and durability of a 2K system. This innovation yields pleasing results such as superior adhesion, skid-resistance, UV durability and quick drying time, while enhancing workzone safety through a speedy and efficient installation process. Dow is partnering with local and city road officials to install real-world trials to demonstrate the effectiveness of our



approach to deliver cost-savings and enhance safety for cyclists and drivers alike.

“The COVID-19 pandemic has drawn attention to the need for more cities to provide safe multi-modal transportation solutions,” said Dr. Joy Gallagher, global segment leader for Road Markings at Dow. “Bike lanes give citizens an efficient alternative to getting around while also promoting a healthy and active lifestyle.” Learn more about Dow’s green bike lane technology, safety, and cost efficiency during ATSSA’s Annual Convention & Traffic Expo on Thursday, February 11 at 1 p.m. EST. The session will be hosted by Dr. Eric Greyson, development leader for Dow Industrial and Functional Coatings, who will be joined by Cindy McCormick, deputy director of Public Right of Way for the

City of Lancaster, PA and Douglas Dolinar, president of Guidemark, Inc. Interested participants are invited to register online.

Dow’s flagship road marking resins, FASTRACK™ 2706 Emulsion and FASTRACK™ 3427 Emulsion, have been helping customers formulate reflective pavement markings that meet performance and sustainability requirements for decades. Dow’s commitment to sustainable innovation has led to the development of: FASTRACK™ 5408A Emulsion, the next generation all-acrylic binder for waterborne pavement markings, offering improved durability for year-round visibility, and extended seasonal application without compromising dry time versus existing waterborne technologies.

FASTRACK™ HD-21A Emulsion, Dow’s

high-build solution, offering excellent durability and longer service life, meets the Federal TTP-1952 Type III specification. Given the critical role of the polymer in paint performance, it is important for DOTs to be confident in the quality of the materials used in the paints applied to their roadways.

Dow has remained committed for over 25 years to pushing boundaries in road marking technology while continuing to provide a durable acrylic backbone and a patented quick-dry chemistry that delivers exceptional performance—no matter the conditions. Dow offers a proven track record of reliable supply and breakthrough technology that continues to benefit the entire value chain. For more information about Dow’s road marking solutions portfolio, visit dow.com/fastrack.

Source : Dow

NEW PRODUCTS

SLENTEX® PROVIDES HIGH-PERFORMANCE INDUSTRIAL PIPE INSULATION AT BASF’S ULSAN MANUFACTURING PLANT

- SLENTEX®, the non-combustible, flexible insulation material used in industrial applications for the first time
- New generation of insulating material helps reduce ‘corrosion under insulation’ of equipment in plants

Seoul, Korea – February 19, 2021 – High-performance insulation material SLENTEX® has been applied in industrial applications for the first time. The flexible, non-combustible construction solution was adopted in the

interiors of close to 400 square meters of pipes, valves, and flanges in BASF’s manufacturing plant located in Ulsan, Korea.

“At our Ulsan plant, we are constantly exploring ways to lower the maintenance cost of our machinery and auxiliary equipment. One of the areas that we looked into was how we could better insulate our steel and metal equipment from adverse environmental effects. Also, to reduce pipe maintenance costs caused by corrosion under insulation,” said Sun Jung Yoo, Site Manager of BASF’s Ulsan manufacturing plant. “Thanks to SLENTEX’s nano-porous aerogel structure and water vapor diffusion [$\mu \sim 5$] feature with hydrophobic surface, there is a reduction of condensation on the pipes. It increases their durability and usability. Over time, we also lower operating and maintenance costs with reduced downtime in our plant.”

The innovative aerogel material solution provides several other advantages. Compared to some other aerogels, SLENTEX has a more consistent surface, thickness, and robust property. With a thickness of only 10 mm, it is 30-40% slimmer than traditional materials such as perlite. These features make SLENTEX easy to install; onsite applicators can swiftly wrap the material around the plant equipment before securing it with conventional tools like wires.

Furthermore, with thermal conductivity of declared 19 mW/m²*K, SLENTEX displays outstanding energy efficiency while being non-combustible.

“The versatility and high-performance properties of SLENTEX makes it suitable for a wide range of insulation applications in the manufacturing and construction industries. In addition to industrial pipes, we are also exploring its usage for the cryogenic and shipping industries,” said Rohit Ghosh, Head of Business Management Construc-



tion Industry, Performance Materials Asia Pacific. "In Asia, we have successfully installed SLENTEX in a residential project that Hokushu adopted for external thermal insulation in its new Passive House in Japan."

SLENTEX can also be applied in the window reveals' external insulation, interior insulation for the flooring of residential buildings, interior wall, and flooring insulation of indoor kids swimming pools.

Source : BASF

EXXONMOBIL INTRODUCES NEW PAXON™ SP5504 HDPE, A STEP-CHANGE IN PERFORMANCE FOR BLOW MOLDED BOTTLES AND CONTAINERS

Houston, Texas – ExxonMobil has developed a new Paxon™ HDPE grade, SP5504, which offers a paradigm shift in the properties normally associated with the currently available unimodal HDPE resins. Offering a step-change in ESCR (Environmental Stress Cracking Resistance) performance without compromising stiffness, impact, top load performance, or processability, Paxon™ SP5504 is ideal for household and industrial chemical (HIC) bottles and containers for products like bleach, wipes, and agricultural chemicals.

- Excellent ESCR without compromising stiffness, impact, or top load
- Melt index and density similar to conventional unimodal HDPE for easy processing

- PCR can be increased due to the better property balance of the virgin resin

"Until now, converters have often had to compromise to get the right ESCR performance of blow molded HDPE bottles and containers," said Dr. James Stern, HDPE business development manager, North America & EMEAF, ExxonMobil. "But, because there is no compromise in density or melt index, Paxon™ SP5504



enables converters to create cost-effective, innovative packaging solutions for household and industrial chemicals."

In terms of performance, processability and value-based performance, Paxon™ SP5504 fills the space between unimodal and bimodal HDPE grades.

"Because of the superior performance of Paxon™ SP5504, it can be used as a drop-in solution for unimodal HDPE but with a better balance of properties," said Stern. "Or it can be used to replace bimodal HDPE grades in applications that have had to be over-engineered to obtain a desired balance of ESCR and stiffness."

Paxon™ SP5504 enables the production of multiple applications from standard blow molding through to more demanding HIC type applications, plus more complex molded designs can be fabricated with this one material. Brand owners

can now be more creative with their packaging designs, while converters can reduce polymer inventories.

An added bonus of using Paxon™ SP5504 that is being further researched is that PCR (postconsumer recycle) content can be increased with minimal impact on its properties.

"Blow molded HDPE parts typically contain PCR in the core of multi-layer bottles and containers," said Mark Canright, global polyolefin product technology, ExxonMobil. "In California, for example, the current mandate for PCR content in blow molded HDPE parts is 25 percent and this is expected to rise in the next year. But, adding PCR can impact the properties of the virgin material, such as ESCR and top load. Paxon™ SP5504 enables converters to add even more PCR without significantly compromising the properties of the finished parts."

With the industry driving towards increased recycling of post-consumer plastic waste (PCR), ExxonMobil has demonstrated value-in-use at PCR levels at and above 25 percent, which may help brand owners and converters to meet changing sustainability targets.

"This new product will be an 'enabler' for the value chain to create truly innovative solutions for blow molded HDPE bottles and containers," said Stern. "Ongoing commercial tests and trials with converters and brand owners are proving highly successful, so we are confident about the interest this new solution will generate across the value chain."

Paxon™ SP5504 offers excellent ESCR without compromising stiffness, impact, top load performance, or processability

Source : Exxonmobil



AIR LIQUIDE SIGNS LONG-TERM SUPPLY AGREEMENT FOR BASF'S NEW STATE OF THE ART BATTERY MATERIAL PLANT IN GERMANY

Air Liquide and BASF have signed a new long-term contract for the supply of oxygen and nitrogen to one of BASF's largest and most innovative European sites, located in Schwarzheide, Germany. Air Liquide will invest around 40 million euros in the construction of a state-of-the-art Air Separation Unit (ASU) at this flagship site for the production of battery materials for mobility.

Air Liquide has been present since 1995 at the Schwarzheide site, where it already operates a nitrogen production facility. The Group's new Air Separation Unit (ASU) will provide the highest industry standards in safety, efficiency and reliability. The ASU is planned to be operational in 2023 and will also produce liquid products for the Industrial Merchant market. BASF's new battery material plant will produce components for 400,000 electric vehicles annually, with a focus on creating sustainable products, through the integration of renewable energies, energy efficiency and circular economy.

This new ASU located in the eastern part of Germany will complement Air Liquide's 23 air gases production plants in the country, and will enable the Group to increase the reliable supply of industrial gases to customers in Ger-

many as well as in Poland. Having two production sources in eastern Germany and 6 in Poland will also allow for an optimization of the bulk truck routing in the region and for a reduction of the number of kilometres driven per ton of gas delivered, in line with the Group's Climate Objectives.

François Jackow, Executive Vice President and a member of the Air Liquide group's Executive Committee, said:

«We are pleased to extend our long-term relationship with BASF to contribute to



the development of their state of the art battery material production at their flagship site of Schwarzheide. Air Liquide accompanies leading customers through its technological know-how and innovative solutions. This investment will also provide momentum for our growing Industrial Merchant activity in Germany and Poland.»

Source : Air Liquide

AND SCIESSENT PARTNER TO ENABLE SUSTAINABLE MICROBE- AND ODOR-RESISTANT TEXTILES

SINGAPORE – Huntsman Textile Effects and Sciescent have entered into a strategic partnership to bring revolutionary antimicrobial and odor-control solutions to textile mills and brands worldwide.

As consumers around the world begin paying more attention to health and hygiene, Huntsman Textile Effects and Sciescent will cooperate to help mills and brands deliver active wear, outerwear, home textiles and other products with long-lasting protection against microbial growth and odor. Huntsman Textile Effects will also become the exclusive distribution partner of Sciescent's Agion® Antimicrobial*, Lava XL® anti-odor solution, and dual-action Active XL®.

“Both Huntsman Textile Effects and Sciescent share a deep commitment to innovation, environmental sustainability and customer service. As partners, our joint goal is to offer the highest level of protection for fabrics so the end products stay fresher for longer,” said Rohit Aggarwal, President of Huntsman Textile Effects. “Huntsman Textile Effects now has one of the industry's most complete end-to-end systems for high-performance protection effects, with a full range of innovative and sustainable protection and comfort technologies from pre-treatment to coloration and finishing.”

“Our presence in the global textile and apparel market has been rapidly expanding based on the strength of our solution set and reputation for deliv-

HUNTSMAN TEXTILE EFFECTS



ering an exceptional customer experience,” said Sciescent CEO Paul C. Ford. “Through this partnership, we are both extending our reach to manufacturers and enhancing our offerings by coupling them with Huntsman Textile Effects’ broad range of innovative and sustainable protection technologies. It is a great opportunity for manufacturers to differentiate their products through the combined strength of our brands.”

Sciescent is recognized for the proven effectiveness and safety of its antimicrobial and anti-odor technologies throughout the global textile and apparel industry.

Sciescent Agion® Antimicrobial is the industry-leading antimicrobial solution. Designed with smart-release technology, it delivers long-lasting protection by releasing its active antimicrobial agents only when needed. It can be built-in or applied via padding, exhaust or package yarn to any textile alongside other functional finishes, dyes, inks and pre-treatments. Durable up to 100 home washes, Agion® is also customizable to meet brands’ performance and cost goals. Agion® Antimicrobial has been used on FDA-approved medical devices.*

Sciescent Lava XL® is a next-generation non-bioactive odor-control solution, ideal for sportswear and athleisure wear. While other odor-control technologies capture odors and release them during laundering, Lava XL®’s triple action technology utilizes zeolite minerals with a large surface area to capture, absorb and degrade odors as they pass through the fabric.

Sciescent Agion Active XL® combines the advanced dual technologies of Agion® Antimicrobial and Lava XL® to deliver outstanding odor protection. The antimicrobial fights odor-causing

bacteria on the garment, while the odor-control solution captures odor generated by sweat on the skin. The result is that garments smell fresher for longer and sustain a high level of performance for more wears.

The Sciescent solutions are easily integrated into the finishing process and can be combined with a range of other finishes, including Huntsman Textile Effects’ durable water repellents and comfort systems to cost-effectively produce high-performance textile products that are safe and sustainable.

Huntsman Textile Effects and Sciescent both champion environmentally responsible products that help the textile industry meet its regulatory obligations and the expectations of the world’s most exacting brands and consumers. The Agion®, Lava XL® and Active XL® products are all bluesign® approved and listed on the Zero Discharge of Hazardous Chemicals (ZDHC) Foundation ZDHC Gateway, complying with ZDHC Level 3 requirements.

*The Agion® Antimicrobial is presently registered by the United States Environmental Protection Agency as a preservative and bacteriostatic agent for use in treated articles under 40 CFR 152.25a. The information presented herein is not intended to support or endorse public health claims for treated articles. The Agion Antimicrobial is also used in medical devices under the Food and Drug Administration; those medical device claims are based on safety and efficacy testing and are limited to those approved by FDA.

Source : Huntsman

COVESTRO AND

PLAMA-PUR COOPERATE TO PRODUCE FOAM FOR SPORTS SHOES RUNNING WITH CO₂ TECHNOLOGY

Covestro has developed an innovative technology that converts the exhaust gas CO₂ into a valuable precursor for plastics, replacing up to 20 percent of fossil raw materials which are normally used. The precursor is marketed under the name cardyon® and is suitable for many different applications. A current example is flexible foams from the Slovenian footwear supplier Plama-pur, which provide greater comfort in the inner padding of running, trekking and ski boots, especially in the ankle zone.

The more sustainable raw material can already be used in many products and industries and enables similar or better properties than with fossil-based raw materials. New applications are consistently being developed. Covestro’s CO₂ technology has thus developed into a platform technology that contributes to resource conservation and circular economy and to reducing the ecological footprint.

Comfortable padding

The foams are characterized by durability and a high compression hardness – an important quality for athletic activities. Compared with products made of pure fossil raw materials, they have more favorable physical properties and, above all, better elasticity and a finer cell structure.

Plama-pur offers these products under the name ECO Foams. Its customers laminate the cut foam pieces onto self-adhesive materials and punch them out into various shapes according to the



specifications.

Other sports applications

The CO₂-based precursor is also found in concept sneakers designed by Chi-

nese shoe designer Axis Liu. More specifically, in a thin, translucent film made of the thermoplastic polyurethane Desmopan® 37385A, which matches the color and structure of the upper material. It is applied to the upper shoe by hot

stamping and features good scratch and abrasion resistance. Covestro presented the sneakers at the K 2019 plastics trade fair in Düsseldorf.

Source : Covestro

INTERNATIONAL NEWS

A FIRST IN BELGIUM: INEOS PHENOL AND ENGIE USE HYDROGEN IN INDUSTRIAL PLANT IN ANTWERP

- Pilot project for the gradual replacement of natural gas by hydrogen
- Tested for the first time in CHP installation to which industrial plant is connected in operation
- Demonstrates potential for conversion of existing installations to hydrogen as a springboard for further industrial up-scaling

For the first time in Belgium, hydrogen will be used in a commercial scale cogeneration plant designed to generate electricity and heat from natural gas. The aim of the pilot project by INEOS and ENGIE is to replace natural gas with hydrogen used by the INEOS gas turbine.

Initially 10% of the gas feed will be replaced by hydrogen. If this goes well the feed will be increased to 20%. This is the first time that such tests have been carried out on an industrial scale in Belgium. The CHP plant at the INEOS Phenol site in Doel, one of the first to be built in Belgium, has the ideal profile to

realize this test.

Hydrogen is expected to become an important link in the transition towards climate-neutral energy across society. One possible evolution in the coming decades is the gradual replacement of natural gas by hydrogen and in time 'green hydrogen' generated from renewable energy via electrolysis. This will gradually reduce the CO₂ emissions of current processes based on natural gas.

ENGIE is responsible for the design, installation and operation of the technology at the INEOS site. INEOS Phenol has experience in handling hydrogen as a raw material for its production process-



es and also has the necessary permits for the hydrogen project. The commercial scale project plays a pioneering role in the energy transition of the chemical industry. This practical exploration by ENGIE and INEOS will provide both partners with valuable insights and data in the use of hydrogen in industrial facilities such as monitoring efficiency and measuring emissions during combustion, which is essential in the development of a next generation of burners.

ENGIE and INEOS are also joining forces on the Power-to-Methanol project in

the Port of Antwerp. Both companies sit on the consortium with other partners to produce green methanol by reusing captured CO₂ in combination with sustainably generated hydrogen. INOVYN, an INEOS business, will operate this demonstration plant at the Lillo site.

The initiative is part of the roadmap that INEOS defined at the end of last year for its Antwerp sites to become climate neutral by 2050 and to reduce emissions by 55% by 2030 compared to 1990. The roadmap consists of a combination of measures such as the reuse of hydrogen and CO₂, further investments in electrification, the switch to recycled or bio-based raw materials where possible, and the use of 'green heat' and renewable energy. To this end, last year INEOS concluded two major contracts for the purchase of offshore wind energy, including the largest Belgian industrial contract ever with ENGIE.

Cedric Osterrieth, CEO ENGIE Generation Europe, said, "ENGIE believes in hydrogen as a key link to a carbon-neutral economy and wants to take a pioneering role with these industrial-scale tests, both in terms of research and practical implementation. We can again count on the expertise and support of INEOS, a key partner for ENGIE in the energy transition. This pilot project will give us better insights into the use of hydrogen to reduce carbon emissions, bringing us one step closer to a carbon-neutral future. It is a strong complement to our already ongoing projects across the country in which we are developing hydrogen solutions for industrial and mobility applications, starting from our expertise in renewable energy



production, storage and infrastructure."

Hans Casier, CEO INEOS Phenol: "This test is fully in line with INEOS' strategy to avoid CO2 emissions at source. It marks a further step for INEOS Phenol in Doel, where 20% green steam is already being purchased via the connection to the Ecluse network. Today, INEOS already produces 300,000 tons of hydrogen on an annual basis as a 'co-product' of its chemical processes. This hydrogen is largely used as a low-carbon fuel and as a raw material in its own production processes so that fewer fossil raw materials have to be used. INEOS recently started a new business activity that focuses on the development of 'clean hydrogen capacity'. For this, INEOS can rely on the expertise of INOVYN, which, as a chlorine and PVC producer within the group, specializes in electrolysis, an important technology for producing hydrogen."

Source : Ineos

**NEW INCREASE
IN KYNAR®**

Arkema will invest to further increase its fluoropolymer production capacities in Changshu by 35% in 2022. Simultaneously, we celebrate the first ten years of successful PVDF production at our Changshu site in China.

The increase in capacity is scheduled to come on stream before the end of 2022. This new investment is fueled by further strong demand in the lithium ion battery business as well as significant opportunities in the water filtration, construction coatings, and semiconductor



industries.

Built in the context of the strong growth potential in Asia, and particularly in China, for the established coatings market and the rapidly emerging lithium ion battery and water-filtration markets, the Changshu plant was the Group's third global integrated PVDF production plant with the first batch of Kynar® PVDF produced on February 17, 2011. This plant, known as Arkema's "Tiger Plant", as it was constructed in 2010, the year of the Tiger, represented a major strategic step for Arkema in its commitment to supply global customers from

each region. Arkema's well-established Changshu platform was already an epicenter of fluorine chemistry and the location also placed its activities at the heart of its customer base.

The plant was expanded several times over the decade and most recently in December 2020. Throughout its evolution, the plant has demonstrated an outstanding commitment to employee safety and product quality. It is a versatile state-of-the-art facility capable of producing almost every grade in the fluoropolymers expansive portfolio.

Building and starting this plant in 2011 was a significant milestone

for Arkema and continuing to grow this plant regularly is a source of great pride for the teams. We could not have taken such a step without the encouragement and support of our

customers in the region. It is the same customer support that we count on for each successive investment including this latest step forward. We grow together. The first ten years has given us strong confidence in the future of this great facility and now we continue to invest in its exciting future".

Source : Arkema



Continued from page 28

some love and to uplift one another in these trying times.”

The campaign is live on social media channels and is a platform for everyone to show the love and appreciation they have for others. Participants can simply visit the site and use pre-designed frames to upload their memories with messages of love and remember to use the hashtag #TheWallOfLove in their posts.

Kamdhenу Paints has its own state-of-the-art manufacturing plant in Chopanki (Rajasthan) and outsourcing from the manufacturing units at Udaipur (Rajasthan), Ghaziabad

and Punjab. We assured the quality standards by deputing our own technical team



at the manufacturer’s plant. Kamdhenу Paints offers a

full range of products suitable for all surfaces and all use cases. From primers, emulsions and decorative paints to special quality paints that offers additional protection from harmful UV rays. Kamdhenу’s paint products also comes with anti-fungal, low VOC, superior water resistance all manufactured using the latest manufacturing technology and under strict quality controls.

Source : Chemical Market

Clariant Chemicals Nine Monthly Operational pbt Grew By 50 Percentage Over Previous Years Corresponding Period

- Increase of 7% in Sales in Q3 FY20-21 this year
- Declares Interim Dividend of Rs.50 per share (500%).

Mumbai, February 12, 2021: Clariant Chemicals (India) Limited, a focused, sustainable and innovative specialty chemical company today announced its financial results for the nine months ended December 31, 2020. The company reported Profit before exceptional item & tax of Rs. 35.3 crore for the nine months ended December 31, 2020, as compared to Rs. 23.6 crore in the similar previous year period – witnessing a significant growth of 50%. Sales fell by 13% at Rs. 511.9 crore, for the nine

month ended December 31, 2020 as against Rs. 587.8 crore in the similar previous year period, severely impacted by the Covid nationwide lockdown in the initial months.

The Profit before exceptional item & tax stood at Rs. 19.0 crore for the quarter ended December 31, 2020, as compared to Loss before Tax of Rs. 3.1 crore for the similar previous year period. Sales rose by 7%, at Rs. 202.1 crore, for the quarter ended December 31, 2020 as against Rs. 188.3 crore for the corresponding quarter in the previous year.

The Board has recommended an Interim Dividend of Rs. 50 per share (500%).

Adnan Ahmad, Vice Chairman & Managing Director, Clariant Chemicals (India) Limited, said, "The gloom over Covid is lifting as consumption across different sectors is bouncing back. At Clariant, we delivered a strong performance in Q3, with our sustained efforts on working capital, cost control and operational productivity all coming good. The Board is pleased



VIEWS AND STATEMENTS



"We are delighted to work with sustainability-focused partners like Lucro, who is at the forefront of plastic recycling in India. Scrap packaging is one of the country's highest contributors of plastic waste and we look forward to this collaboration helping to promote the adoption of sustainable solutions amongst brand owners and manufacturers, and contribute to a reduction in plastics entering the environment as waste. Finding value in flexible waste is key for the circular economy to set new standards for the flexible packaging industry and create a viable circular system for flexible plastics."

**- Bambang Candra, Asia Pacific commercial vice president,
Dow Packaging & Specialty Plastics.**



"SABIC is committed to helping to create a new circular economy where plastic never becomes waste. Advanced recycling allows us to increase the production of more sustainable materials and use our planet's resources wisely, whilst reducing the use of conventional approaches such as landfill and combustion. Advanced recycling has a crucial role to play in the current recycling mix as it can capture value from plastic waste streams that have traditionally been ignored or discarded. We continue to increase our collaborations with upstream suppliers and downstream customers, and this new initiative with our long-term partner bp takes us one step further to achieving our vision."

- Fahad Al Swailem, Vice President, PE & Sales at SABIC.



"This test is fully in line with INEOS' strategy to avoid CO2 emissions at source. It marks a further step for INEOS Phenol in Doel, where 20% green steam is already being purchased via the connection to the Ecluse network. Today, INEOS already produces 300,000 tons of hydrogen on an annual basis as a 'co-product' of its chemical processes. This hydrogen is largely used as a low-carbon fuel and as a raw material in its own production processes so that fewer fossil raw materials have to be used. INEOS recently started a new business activity that focuses on the development of 'clean hydrogen capacity'. For this, INEOS can rely on the expertise of INOVYN, which, as a chlorine and PVC producer within the group, specializes in electrolysis, an important technology for producing hydrogen."

- Hans Casier, CEO INEOS Phenol: Coatings Solutions.



"The launch of online sales of our polypropylene filament spools for industrial and consumer clients is another major step forward for Braskem's 3D printing product offering. We are excited for our filaments to now be available for the general public or anyone interested in 3D printing and additive manufacturing capabilities. Our polypropylene has exceptional properties over other materials, and we believe will help further strengthen the great potential we see for the global additive manufacturing market."

-Jason Vagnozzi, Braskem Commercial Director of Additive Manufacturing.



VIEWS AND STATEMENTS



"As aggressive disinfectants take an increasing toll on traditional plastics, medical device and equipment manufacturers are looking for higher performing plastics that withstand repeated exposure to these chemicals, Solvay offers a broad range of high-performance polymers that give medical OEMs greater confidence in the ability of their products to deliver a longer life, avoid warranty issues and reinforce brand value. Our collaboration with Metrex aims to raise the bar for the durability, safety and reliability of devices exposed to frequent disinfection."

- Jesal Chopra, vice president of Healthcare, Environment & Consumer for Solvay. "



"Both Huntsman Textile Effects and Scieessent share a deep commitment to innovation, environmental sustainability and customer service. As partners, our joint goal is to offer the highest level of protection for textiles so that they stay fresher for longer, Huntsman Textile Effects now has one of the industry's most complete end-to-end systems for high-performance protection effects, with a full range of innovative and sustainable protection and comfort technologies from pre-treatment to coloration and finishing."

- Rohit Aggarwal, President of Huntsman Textile Effects.



"At our Ulsan plant, we are constantly exploring ways to lower the maintenance cost of our machinery and auxiliary equipment. One of the areas that we looked into was how we could better insulate our steel and metal equipment from adverse environmental effects. Also, to reduce pipe maintenance costs caused by corrosion under insulation, Thanks to SLENTEX's nano-porous aerogel structure and water vapor diffusion [$\mu \sim 5$] feature with hydrophobic surface, there is a reduction of condensation on the pipes. It increases their durability and usability. Over time, we also lower operating and maintenance costs with reduced downtime in our plant."

- Sun Jung Yoo, Site Manager of BASF's Ulsan manufacturing plant.



"ENGIE believes in hydrogen as a key link to a carbon-neutral economy and wants to take a pioneering role with these industrial-scale tests, both in terms of research and practical implementation. We can again count on the expertise and support of INEOS, a key partner for ENGIE in the energy transition. This pilot project will give us better insights into the use of hydrogen to reduce carbon emissions, bringing us one step closer to a carbon-neutral future. It is a strong complement to our already ongoing projects across the country in which we are developing hydrogen solutions for industrial and mobility applications, starting from our expertise in renewable energy production, storage and infrastructure."

- Cedric Osterrieth, CEO ENGIE Generation Europe



"Eastman's molecular recycling technologies deliver significant environmental benefits, including landfill diversion and reduced greenhouse gas emissions. We're proud to partner with Clio, and it's fitting that such an innovative brand is the first prestige brand in Korea to introduce Cristal Renew packaging to the market. In introducing the product to the market, Clio is once again demonstrating its leadership in Korea."

- Renske Gores, segment market manager, cosmetics and personal care packaging at Eastman.



to announce an interim dividend of Rs. 50 per share (500%), as we continue to reward our shareholders

for their trust in us. Our continued focus on Excellence in Execution helps us deliver on our top priorities

of safety, sustainability and innovative offerings to all of our stakeholders”.

Source : Chemical Market

Budget Reaction Quote Mr Sam Cherian Founder And Managing Director Schevaran Laboratories

Mr. Sam Cherian, Founder & Managing Director, Schevaran Laboratories Pvt. Ltd., views, "The Union Budget announced today comes as a structural reset for the Indian economy post the pandemic aftermath. The focus on key pillars- from agriculture to infrastructure to healthcare and digital & financial inclu-



sion is overwhelming. In her budget 3.0, the Hon'ble Finance Minister pointed out that the manufacturing sector has to grow in double digits on a sustained basis for India to touch 5 trillion economy. This demonstrates positive vibes for

the sector to further accelerate towards Aatmanirbhar Bharat, thereby, promoting investment and employment opportunities. The provision to launch Urban Swachh Bharat 2.0 Mission, outlaying at Rs 1.41 lakh crore over 5 years is laudable. It enhances India's readiness for a healthy nation as well as broadens the business roadmap for various industries, including hygiene and cleaning. Overall, we believe that today's budget is certain to impetus the country's GDP in the coming days."

Source : Chemical Market

Hikal Limited Q3FY21 Record Breaking Performance Backed by Strong Product Portfolio and Strategic Geographic Expansion

- Revenue of Rs. 463 crores; YoY growth of 15%
- EBITDA of Rs. 91 crores; YoY growth of 21%
- EBITDA Margin of 19.7%; Expansion of 99 bps
- PAT of Rs. 40 crores; YoY growth of 42%
- Interim Dividend of Rs.1.00 per share (50 % of Face Value of Rs. 2 per share)

announced its financial results for the quarter and nine months ended 31st December 2020.

Key Highlights

- Better sales volumes of new and existing products as well as penetration in new markets led to record breaking performance.
- Steady improvement in EBITDA Margins continues aided by products portfolio as well as geographic expansion.
- Pharmaceutical sales up by 8% to Rs. 269 crores as compared to Rs. 248

crores in the corresponding period of the previous year

1. Continued customer demand provides a positive outlook on the business.
2. Strong pipeline of new products in Contract Manufacturing and Generics
3. Business excellence initiatives yielding better utilization of production capacities.

India, February 04, 2021: Hikal Ltd., a preferred long-term partner for leading global life sciences companies, today

- Crop Protection sales up by 25% at Rs. 194 crores as compared to Rs. 156 crores in the corresponding pe-



riod of the previous year

1. Strong pipeline of inquiries and new products under commercialization
2. Business excellence initiatives driving better throughput

Commenting on the results, Jai Hiremath, Chairman & Managing Director, Hikal Ltd. said,

“I am pleased to report that we have achieved the highest ever quarterly revenue and net profit as a company. After facing several challenges through the pandemic both our businesses are now back on track.

The Crop Protection business has grown significantly by 25% for the quarter on the growth of new products and higher volumes of existing products. We have a healthy pipeline of new projects in the business and expect to commercialize several products soon.

Our Pharmaceutical division sales were up by 8% for the quarter as compared to the same period last year. Both our generics and contract manufacturing businesses continue to do well as we expand our product portfolio and geographic diversification. We have received several new inquiries from global customers looking to diversify their supply chain and are confident that the division will continue to do well over the next several quarters.

Our EBITDA margins improved significantly in the quarter as several of our business excellence initiatives have

started yielding results. We continue to generate positive free cash flows as a result of increased sales and margins. We expect to continue this momentum as we go forward. Our capex plans are on track and we are expediting the execution to meet the increased demand of our customers.

ICRA has reinforced the Credit Rating of the company at “A”, indicating improvement in the overall business and strong cash flows. We have reduced our total borrowing costs and we expect to further reduce the overall interest rates in the quarters to come.

We see significant tailwinds in both our businesses and are confident that growth momentum will continue throughout this year into the next year for both our divisions.”

Source : Chemical Market

Nanotech Plastic Packaging could Leach Silver into Some Types of Foods and Beverages

Antimicrobial packaging is being developed to extend the shelf life and safety of foods and beverages. However, there is concern about the transfer of potentially harmful materials, such as silver nanoparticles, from these types of containers to consumables. Now, researchers reporting in ACS Applied Materials & Interfaces illustrate that silver embedded in an antimicrobial plastic can leave the material and form nanoparticles in foods and beverages, particularly in sweet and sugary ones.

Some polymers containing nanoparticles or nanocomposites can slow the growth of microorganisms responsible for food and beverage spoilage and foodborne illness. Although these polymers are not currently approved for use

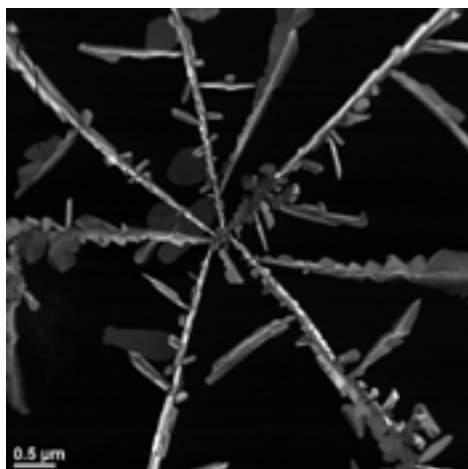
in packaging in the U.S., researchers are investigating various types of nanoparticle-embedded polymers that could be incorporated into containers in the future. Prior studies have shown that some of these polymers can leach nanoparticles, dissolved compounds and ions into water-based food simulants, but so far, little is known about how such packaging might interact with real foods and beverages. Some sugar compounds, which are typical food ingredients, can effectively convert silver ions into potentially harmful nanoparticles, and could then be ingested by humans. So, Timothy Duncan and colleagues wanted to see how the complex ingredients in sugary foods and beverages influenced the formation of these nanoparticles, both when directly exposed to dis-

solved silver and when they are stored inside silver-laced packaging.

To test if dissolved silver aggregates in complex edible mixtures, the researchers spiked silver into liquid foods and beverages, including naturally and artificially sweetened solutions, soda, milk, juices, yogurt and a starch-based slurry. The mixtures were incubated at 104 F for 10 or more days, simulating long-



term storage in a packaging material. Nanostructures were detected at two silver concentrations, one at the scale expected from polymer-contact leaching, and the other at an unrealistically high concentration, allowing the team to monitor nanoparticle formation by eye. Sugary liquids with starches, citrates and fats



had the most nanoparticles, while acidic liquids initially formed silver aggregates that later dissolved. In another experiment, the researchers stored water and two sugary liquids in small packets of silver-laced polyethylene polymer at 104 F for 15 days. There was an

initial release of dissolved silver from the polymer surface, but only the sugary solutions sustained further leaching and the creation of nanoparticles. The researchers concluded that silver nanoparticle dietary exposure is possible from sweetened foods and beverages packaged in antimicrobial materials under the conditions typical of long-term storage.

Source : Chemical Market

Load-Reducing Backpack Powers Electronics by Harvesting Energy From Walking

Hikers, soldiers and school children all know the burden of a heavy backpack. But now, researchers have developed a prototype that not only makes loads feel about 20% lighter, but also harvests energy from human movements to power small electronics. The new backpack, reported in ACS Nano, could be especially useful for athletes, explorers and disaster rescuers who work in remote areas without electricity, the researchers say.



Backpacks are widely used in everyday life for the hands-free carrying of loads. Over time, however, walking or running with a heavy sack can cause back and neck pain. Also, backpackers in wilder-

ness areas (or even those in cities who don't have ready access to a charger) might wish for a bag that could harvest the mechanical energy of walking to power portable electronics or health-monitoring sensors. Previously, researchers have used triboelectric nanogenerators (TENG) -- small devices that convert mechanical energy into electricity -- to make energy-harvesting backpacks, but those bags had relatively low power outputs and they didn't provide added benefits, such as load lightening or shock absorption. Zhong Lin Wang, Jia Cheng and colleagues wanted to

design a prototype that overcame these limitations.

To save labor and absorb shock, the researchers incorporated into the backpack two elastomers that stretched and shrank, keeping the bag steady as the wearer walked. This resulted in about a 20% reduced force on the wearer. Meanwhile, movement between the frame of the backpack and its load during walking drove a TENG to convert mechanical energy into electricity, with 14% efficiency. The researchers showed that the bag could power LEDs, an electric watch and fluorescent tubes. Once some challenges, such as improving the energy conversion efficiency, are overcome, the backpack has promising potential as a power source for small-scale wearable and portable electronics, GPSs and health care sensors, the researchers say.

Source : Chemical Market



An Anode-Free Zinc Battery That Could Someday Store Renewable Energy

Renewable energy sources, such as wind and solar power, could help decrease the world's reliance on fossil fuels. But first, power companies need a safe, cost-effective way to store the energy for later use. Massive lithium-ion batteries can do the job, but they suffer from safety issues and limited lithium availability. Now, researchers reporting in ACS' Nano Letters have made a prototype of an anode-free, zinc-based battery that uses low-cost, naturally abundant materials.



short-circuit the battery. Yunpei Zhu, Yi Cui and Husam Alshareef wondered whether a zinc anode was truly needed. Drawing inspiration from previous explorations of "anode-free" lithium and sodium-metal batteries, the researchers decided to make a battery in which a zinc-rich cathode is the sole source for zinc plating onto a copper current collector.

In their battery, the researchers used a manganese dioxide cathode that they pre-intercalated with zinc ions, an aqueous zinc trifluoromethanesulfonate electrolyte solution and a copper foil current collector. During charging, zinc metal gets plated onto the copper foil, and during

discharging the metal is stripped off, releasing electrons that power the battery. To prevent dendrites from forming, the researchers coated the copper current collector with a layer of carbon nanodiscs. This layer promoted uniform zinc plating, thereby preventing dendrites, and increased the efficiency of zinc plating and stripping. The battery showed high efficiency, energy density and stability, retaining 62.8% of its storage capacity after 80 charging and discharging cycles. The anode-free battery design opens new directions for using aqueous zinc-based batteries in energy storage systems, the researchers say.

Source : Chemical Market

Adding A Splash of 3D Color to Drab Concrete GRA

- LANXESS helps its customers to develop colorful concrete projects using additive manufacturing methods
- Free color sample box for 3D concrete printers

Cologne, February 5, 2021 – LANXESS supports its customers in adding color to their 3D-printed concrete

products. The specialty chemicals company has created a sample box showing which colors can be realized in additive manufacturing. The box contains concrete samples in 26 different colors, colored with weather-resistant, colorfast, inorganic pigments from the well-known Bayferrox brand. These can be used for reliably adding color to 3D-printed concrete structures, lend-

ing users of this highly promising and cost-efficient technology even greater design freedom in projects large and small. The color sample box can be requested by 3D concrete printers free of charge at 3d.bayferrox.com.

Cost-efficient manufacturing technology conquering the construction industry



3D concrete printing is a manufacturing method that has only recently made inroads into the construction industry. Numerous universities worldwide have established special research areas for additive manufacturing in the construction industry. The technology is already being used in practice, with the first 3D-printed house in Germany built at the end of 2020, while some countries such as the Netherlands, the USA and the UAE have already built entire housing complexes with 3D printing technology.

Additive manufacturing uses state-of-the-art IT for automated production, permits an extremely wide variety of shapes and, in terms of material consumption, is extremely economical even in small-volume projects. The principle underlying the component construction process is that concrete is applied only where it is needed, which ensures that construction materials are used sparingly, and

which opens up whole new design possibilities.

Cement-based mortar or concrete suitable for 3D printing passes through a nozzle to form layers up to a few centimeters thick without the need for formwork. “This helps to streamline

construction processes – after all, on a building site, time is money. We can see that 3D concrete printing is becoming increasingly widespread in many segments and a key technol-

ogy in the construction industry,” says Oliver Fleschentraeger, Market Segment Manager Construction in LANXESS’ Inorganic Pigments business unit.

Creating colorful highlights

Expert advice concerning the use of pig-

ments is essential for colored 3D printing projects. “Ensuring that the concrete is of exactly the right shade even after it has cured depends not only on the quality and mixing of the pigments, but also on the application itself. The type of cement used affects the shade – and vice versa. How the pigments react to the concrete additives used also needs to be taken into account,” says Fleschentraeger. This process requires extensive knowledge of how the concrete and color pigments interact.

LANXESS offers manufacturers of 3D-printed in-situ & precast concrete objects expert technical support to ensure that drab gray does not come to dominate the relatively new world of 3D concrete printing. The Bayferrox pigments, which are highly renowned in the construction industry, are available in 100 shades of black, red, yellow, brown and green and are suitable for use in reinforced and non-reinforced concrete. You can find more detailed information about the products and technical services at www.bayferrox.com.

Source : Chemical Market



ACS and Tulane University Sign Agreement to Expand Open Access Publishing

WASHINGTON, Feb. 4, 2021 — In one of the first partnerships of its kind in the U.S., the Publications Division of the American Chemical Society (ACS) and Tulane University in New Orleans have entered into a transformative “read and publish” agreement. The agreement, which lasts throughout 2021, will help to expand open access publishing by Tulane University’s researchers.

“This agreement brings significant benefits to Tulane University and demonstrates their leadership as open access continues to grow globally,” says Steve Hansen, director of sales for the Amer-

icas, ACS Publications. “Tulane’s researchers have a significant opportunity to expand the visibility of their scientific contributions.”

Under the terms of the agreement, Tulane University will have the possibility of making all articles published in any of ACS’ more than 75 premier journals available open access, while maintaining access to ACS’ full catalog of journals. This partnership will additionally benefit any of the university’s researchers whose funders require them to publish open access.

“Transforming scholarly

communications to encourage open access publishing in high-quality journals has been identified as an important research-related goal at Tulane. So, too, has been accomplishing this goal within more sustainable subscription pricing models. Read and publish models bring us closer to sustainability by combin-



ing subscription and open access article publication costs in a more neutral way that benefits the university as a whole,” says Andy Corrigan, the university’s associate dean of libraries and chief collections officer.

“We are highly encouraged by this arrangement with ACS.”

Read and publish agreements such as this are one way that ACS supports the growing open science movement. To date, ACS has signed read and publish agreements with hundreds of institutions in many countries around the

world, shepherding a new era for open access publications in chemistry.

“The researchers at Tulane University are making important contributions to the global chemistry community,” says James Milne, Ph.D., president, ACS Publications Division. “I’m glad this agreement will bring their work to an even larger audience.”

Source : Chemical Market

Solvay and Leonardo Launch Joint Research Lab for Thermoplastic Composites

Alpharetta, February 2, 2021, Solvay and Leonardo announced the launch of a joint research lab dedicated to the development of novel composite materials and production processes critical for the future of the aerospace industry. This collaboration represents an important milestone in enabling a step-change in composite part manufacture and in reducing environmental impacts.

The Solvay Leonardo Joint Lab will focus on thermoplastic “engineered materials” and in particular on welding



and automatic lamination (in-situ consolidation) of complex and large aerospace structures with the goal of maximising product properties, increasing

part production efficiency and extending the product life cycle. The focus is on thermoplastic composites as they offer unique benefits to users such as lightweighting for more fuel efficient aircraft and they do not require autoclave for

part consolidation thus enabling the development

of much more sustainable production lines. Leonardo and Solvay believe that this agreement will be the foundation for further platform collaboration on short and

mid-term applications in aerospace and beyond.

“This collaboration is in line with the G.R.O.W. strategy of Solvay to strengthen our leadership position as supplier of innovative composite materials for aerospace and other markets” shared Nicolas Cudre-Mauroux, Solvay Chief Technology and Innovation Officer. “We believe that the partnership with Leonardo will boost our ability to develop breakthrough thermoplastic composite solutions and substantially increase their adoption in aerospace, contributing to reducing fuel consumption and CO2 emissions”.

“This collaboration with Solvay is a significant step in research on advanced materials, which are part of the R&D programs to be developed by the Leonardo Labs.” underlines Roberto Cingolani, Leonardo’s Chief Technology and Innovation Officer. The research area, central to Leonardo, is a key factor of competitiveness, and it will make it possible to improve the performance and safety of our products, to expand its potential, with a direct return on the environmental impact and consumption of resources, boosting a circular and efficient production system”.

Source : Solvay



Price as on December 29, 2020

Name of Chemicals	Pack (Kgs.)	Price	Change (Rs./Kg)
INORGANIC CHEMICALS			
Ammonium Bicarbonate		60	
Ammonium Carbonate		55	
Ammonium Nitrate		65	
Borax (Granular)	50	48	
Borax (Powder)	50	42	
Bromine Liquid	50	265	
Calcium Carbonate(Acti- vated)	50	50	
Calcium Carbonate (Pre- cipitated)	50	30	
Carbon Disulphide	300	70	+8
Caustic Potash		74	
Caustic Soda (Flakes)	50	31	+1
Caustic Soda (Lye)	Tanker	22	+2
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	185	
Titanium Dioxide Anatase (China)	25	160	
Titanium Dioxide (Rutile – R-902)	25	243	
Zinc Oxide (China)	50	93	

Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
ORGANIC CHEMICALS			
Acetic Acid Glacial	35	85	
Acetone (GI Drums)	160	98	+1
Acrylamide (Liquid)	250	225	
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	140	+30
Butyl Acetate		160	
Butyl Acrylate	180	75	
Butyl Carbitol	190	87	
Butyl Cellosolve		130	+10
Butyl Stearate	190	105	
C9 Solvent		56	+4
C10 Solvent		63	
Cellosolve	195	105	
Chloroform		20	+4
Citric Acid		47	
m-Cresol	190	270	
o-Cresol	200	300	
p-Cresol	200	325	
Mixed-Cresol		85	
Cyclohexane		73	+4
Cyclohexanone	190	140	
Diacetone		99	
Dibutyl Maleate (DBM)		158	
Dibutyl Phthalate (DBP)		136	
Dicyandiamide (DCDA)	25	300	
Diethanolamine (DEA)		110	
Diethylene Glycol (DEG)	230	64	+8
Diethyl Phthalate (DEP)	200	95	



Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
Diisobutyl phthalate (DIBP)		115	
Dimethyl formamide (DMF)		200	
Dioctyl Adipate (DOA)	200	153	
Dioctyl Maleate (DOM)		159	
Dioctyl Phthalate (DOP)	200	131	
2-EHA(2 Ethyl Hexyl Acrylate)	180	138	
Ethyl Acetate (Resale)	185	88	+16
Ethyl Acrylate (Intact)	180	121	
Ethylene Dichloride (EDC)	200	57	-3
Ethylene Glycol (MEG)	230	61	+6
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	110	+28
Isopropyl Alcohol (IPA)	170	133	+5
Maleic Anhydride (MAN)	25	86	
Melamine	25	103	
Methanol (Per Litre) (Resale)	200 Lit.	31	
Methyl Ethyl Ketone (MEK)	190	96	+10
Methyl Isobutyl Ketone (MIBK)		150	
Methylene Dichloride (MDC)	350	49	+3
Monoethanolamine (MEA)	180	100	
Octanol (2-Ethylhexanol)	170	145	+30
Octoic Acid		100	
Oxalic Acid (Punjab)	50	114	
Phenol (GI Drums)	215	112	
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	300	
Purified Terephthalic Acid (PTA)		63	
Sodium Alginate (China)	25	280	
Sorbitol	250	52	
Styrene Monomer (Resale)	185	110	+20
Tartaric Acid	50	350	
Thiourea	50	110	
Toluene (Per Litre)	200	64	+11
Trichloroethylene	330	52	
Triethanolamine (Resale)	210	92	
Triethylene Glycol (TEG)		107	
Vinyl Acetate Monomer (VAM)	185	190	
Wax Industrial	25	105	
Wax Paraffin	24	98	
m-Xylene		57	
o-Xylene (Per Litre)	200	60	
Xylene Mixed (Per Litre)	200		-2

CHEMICAL MARKET LEADS PLATFORM

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77 Percentage of Textile Coloration Professionals believe there is a Widening Skills Gap in the Dyeing Industry with 53 percentage of Agreeing this is now at Crisis Point Says SDC Survey

- 71% of industry professionals agree there is an international shortage of textile coloration professionals
- 87% of those within industry believe ongoing education in textile coloration workplace is vital to narrowing skills gap
- 77% state there is a serious lack of scientific knowledge within the sector.

THE TEXTILE dyeing industry is experiencing a global skills gap, now reaching crisis point, as younger people fail to enter the profession, says a new survey from the Society of Dyers and Colourists.

Lack of knowledge is now harming textile production, and adding to coronavirus woes, agreed a majority of over 100 respondents from 14 countries.

The SDC, the international dyeing and coloration membership organisation and training provider, has highlighted growing concerns – and a need for more, ongoing workplace education to

counter these issues, as agreed by an overwhelming 87%.

Findings state that a third of global employers involved in dyeing and finishing are unable to recruit the talent that they need, with a further 55% of participants claiming that there is a lack of transferable scientific knowledge within the industry.

A total of 77% agreed there was a skills crisis and 53% believed this was already at crisis point. Reasons for this were cited

as young people having negative perceptions of the industry, or wanting to be designers rather than dyers, alongside a lack of knowledge of the chemistry behind the pro-

cesses, as well as poorly promoted opportunities in dyeing.

Suggestions for deepening the international talent pool included more online learning made available globally, dedicated support from governments, and a bridging of the skills gap by working to-

gether to promote apprenticeship roles. If the gap is not closed, respondents believe that industries will disappear worldwide, quality of finished products will be compromised, and knowledge and expertise will be lost permanently. Graham Clayton, CEO of the SDC, commented: “We have been hearing anecdotally that there is a serious skills gap in the dyeing and coloration industry, and our new research proves that not only is this true, but that the situation is much worse than originally imagined.

“The results of our survey are worrying, but it is also evident that the industry is willing to collaborate and work proactively to ensure that a deeper crisis is avoided – and this is something that the SDC is certainly committed to supporting.”

Research was carried out in December and involved employers as well as dyeing and coloration employees at all levels.

Source : Chemical Market



Huntsman Appoints Gurmeet Kaur as Head Of Strategic Marketing for Polyurethanes India Sub-Continent Business

Gurmeet will help drive differentiated growth for the business and enable effective value creation for customers

Mumbai, India, February 15, 2021: Huntsman, the global manufacturer and marketer of differentiated chemi-

cals, today announced the appointment of Gurmeet Kaur as the Head of Strategic Marketing for the Polyurethanes



India sub-continent business, effective February 15, 2021. In her role, Gurmeet is responsible for the execution of Huntsman's strategy for Polyurethanes division to achieve differentiated growth and create effective value proposition for customers through sustainable delivery of solutions based on evolving market trends.

Commenting on the occasion, Rahul Tikoo, Managing Director – India sub-continent, Huntsman, said “We are pleased to welcome Gurmeet to the Huntsman family. The India Sub-continent



is an important market for Huntsman Corporation, and we are confident that Gurmeet's expertise will enable us to further strengthen our innovation and solutions-driven customer-centric approach. With her rich understanding of the B2B landscape, we look forward to leading the Polyurethanes business to its next phase of growth

and success.”

With over fifteen years of experience in marketing and strategy development, Gurmeet has worked with renowned organizations where she was responsible for driving the development and execution of business strategy and growth initiatives in India. Her most recent stint was with Honeywell as Marketing Director for Transportation Systems Business. Gurmeet is a Post-Graduate in Management from the Indian School of Business (ISB), Hyderabad and Bachelor of Technology in Chemical Engineering from Harcourt Butler Technological Institute (HBTI), Kanpur. At Huntsman, Gurmeet will report to Rahul Tikoo, Managing Director – India sub-continent, Huntsman Corporation.

Source : Chemical Market

Agilent Introduces Breakthrough Analytical Solutions at Executive Technical Summit

Agilent Technologies Inc. (NYSE: A) today announced the successful conclusion and key outcomes of their 2021 Executive Technical Summit, held virtually on February 12. The summit was established to provide a forum for Agilent and its partners to discuss recent trends in the industry, new challenges faced by customers, and how Agilent can partner with them to provide solutions that are customized to meet these challenges.

In preparation for this year's summit, Agilent interacted with its external partners as well as opinion leaders in the pharma industry, sharing some of their key products capable

of addressing the needs and challenges of the pharma/biopharma industry today. Included in these discussions were recent innovations designed to alleviate IT and data management challenges and improve their ability to meet project deadlines and strengthen client relationships. The development of these and other featured solutions was driven in part by customer feedback received during similar prior events.

“We truly value the voice of our customers as it gives us insights about their emerging business model, new opportunities, and challenges, which are essential for fueling further innovation at Agilent,” said Samir Vyas, Country Manager for Agilent India. “The Executive Technical Summit has been a promising platform for enabling open discussions with our expert team around the actions we’ve taken and customer feedback on new methods and technologies. We continue to look for opportunities beyond our current offerings and seek ways to leverage our industry-leading R&D and M&A strategies to provide compelling portfolio solutions to our customers. The Agilent team presented new capabilities to support the emerging challenges of laboratories and it was very encouraging to hear that our customers value our new solutions.”



"I am extremely pleased to connect with our customers in India through our Executive Technical Summit platform," added Maria Angeles Diaz, Agilent EMEA Sales Vice President and General Manager. "We missed the opportunity in 2020 due to various global travel restrictions, but we have proposed this virtual engagement format to allow us to continue to collaborate in an efficient and inspiring way. Our commitment to customers is to provide trusted answers to solve their key challenges, so getting the opportunity to talk about new emerging trends, understand how

the situation of 2020 has impacted their business models, and hear their perspective about the industry for the mid/long term is an essential enabler to our mutual success."

Topics discussed at the summit included: ways to ensure accurate analysis of biomolecules and vaccines using the Agilent 1290 Bio LC; strategies for increasing productivity and compliance through automation of data management with SLIMS; meeting upcoming regulatory requirements in materials identification using tools such as Vaya

Raman; and orthogonality in materials characterization (solid state) by LDIR. Agilent has also developed its first-ever instrument subscription program, designed to meet the needs of customers with dynamic businesses who want the latest technology backed by the industry's best service and support. Agilent Instrument Subscriptions provides customers access to the technology they need when they need it, and with the flexibility and affordability that matches their evolving scientific and financial needs.

Source : Chemical Market

Clariant Launches Natural Voc-Trapping Desvocal Adsorbents For Packaging And Cargo Shipments

- DESVOCANT helps manufacturers and shippers to control and eliminate the accumulation of Volatile Organic Compounds (VOCs) due to off-gassing of enclosed manufactured goods
- Protection against potential health hazards of VOCs from a sustainably-mined, naturally-occurring, non-toxic, granulated & dried clay mineral solution
- Multi-sized adsorbent sachets, bags & hanger strips to suit individual small boxes to fully-loaded containers

Munich, February 2, 2021 – Welcome relief from VOCs: Clariant unveils an innovative line of new sustainably-mined clay mineral-based DESVOCANT adsorbents to efficiently reduce the potential exposure of shipment handlers, merchants, and consumers to volatile organic compounds (VOCs) from enclosed manufactured products.

VOCs can accumulate every time manufactured goods are stored in enclosed spaces. Consumers will be familiar with

the unpleasant "new smell" odors emitted from certain goods on unpacking. In some cases, products are even rejected and returned due to lingering odors associated with VOCs. For shippers, cargo handlers and merchants, a sudden release of high concentrations of accumulated VOCs on opening of transport containers or boxes for product inspection or unloading, can pose serious health risks if inhaled.



Justin Mueller, Head of Business Group Cargo & Device Protection, Business Unit Functional Minerals, comments: "DESVOCANT helps manufacturers and the distribution chain to help control and reduce the accumulation of common VOCs due to off-gassing. Adsorbing and reducing their concentration not

only has health and environmental benefits. It also minimizes the higher associated costs and problematic delays of needing gas detection equipment, personnel respirators, or extensive ventilation before products can be distributed to customers or put in shop displays. DESVOCANT can even increase consumer product acceptance. With it, the need to give cargo containers and packaged products a good airing out really could become a thing of the past."

DESVOCANT adsorbents are based on a naturally-occurring, non-toxic bentonite clay mineral with a unique surface structure, which is dried as granulate and contained in air-permeable sachets or bags. VOCs - both odorous and odorless - from the air inside shipping containers or individually packaged or boxed items are attracted and bound to the surface of the free-flowing granules through adsorption, effectively trapping them within the DESVOCANT packet.

The adsorbents are available in a wide range of sizes suitable for placing in small product packages for shoes, handbags, or clothing, for example, through



to full container loads of carpets, paints, toys, plastic packaging, pillows, mattresses, and furniture. The packets do not dust and can therefore be used with light-colored as well as dark-colored goods.

DESVOCAANT adsorbents can also be blended and packaged with other materials to meet a variety of cargo-protection requirements. Experts from Clariant Cargo & Device Protection work closely with customers to evaluate each

application and recommend the correct product solution and dosage.

Source : Chemical Market

Lanxess Signs Contract to Acquire Emerald Kalama Chemical

- Acquisition with sales of USD 425 million and EBITDA of USD 90 million to strengthen Consumer Protection segment
- Enterprise value of USD 1.075 billion
- High-margin new application fields in food industry and animal health
- Rapid integration expected

Cologne, February 15, 2021 – Specialty chemicals company LANXESS is accelerating its growth course and signed a binding agreement to acquire 100 percent shares in Emerald Kalama Chemical on February 14, 2021. The US-based company is a globally leading manufacturer of specialty chemicals, especially for the consumer segment, and is majority-owned by affiliates of the US private equity firm American Securities LLC.

The enterprise value of Emerald Kalama Chemical amounts to USD 1.075 billion. After deducting debt-like items, the purchase price is around USD 1.04 billion (EUR 867 million*), which LANXESS will finance from existing liquidity. The transaction is expected to be completed in the second half of 2021. It is still subject to approval by the relevant authorities.

In 2020, Emerald Kalama Chemical achieved sales of around USD 425 million and EBITDA pre exceptionals of approximately USD 90 million. Within

three years following the completion of the transaction, LANXESS expects an additional annual EBITDA contribution of around USD 30 million (EUR 25 million*) from synergy effects. The acquisition will already be earnings per share accretive in the first fiscal year after its completion.

“We are gaining further momentum on our growth course. The businesses of Emerald Kalama Chemical are an ideal fit for us. We will further strengthen our Consumer Protection segment and open up new application areas with strong margins, for example in the food industry and animal health sector. In addition, we will also enlarge our presence in our growth region of North America. All this will make us even more profitable and stable,” said Matthias Zachert, Chairman of the Board of Management of LANXESS AG.

Emerald Kalama Chemical employs approximately 500 employees worldwide and runs production sites in Kalama, Washington (USA), Rotterdam (Netherlands) and Widnes (Great Britain). Emerald Kalama Chemical generates around 45 percent of its turnover in North America. “Emerald Kalama Chemical has a very efficient setup, bundling all its production activities at only three sites. That is why we expect to integrate the new business very quickly,” said Zachert.

Targeted portfolio expansion in the Consumer Protection segment

Emerald Kalama Chemical generates about 75 percent of its turnover with specialties in the consumer segment. These include preservatives for food, household and cosmetic applications, flavors and fragrances as well as products for animal nutrition. The remaining 25 percent of sales come from the specialty chemicals business for industrial applications, including the plastics and adhesives industries.

With the acquisition, LANXESS is pursuing a targeted expansion of its portfolio: The company has a strong position in the global business with antimicrobial active ingredients and preservatives, including for consumer protection products and animal hygiene. Examples are disinfectants effective against the Coronavirus or the African Swine Fever.

***Based on exchange rate of EUR/USD = 1.20.**

LANXESS is a leading specialty chemicals company with sales of EUR 6.8 billion in 2019. The company currently has about 14,400 employees in 33 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives, specialty chemicals and plastics.

LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good

Source : Chemical Market



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 13

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 9

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 9

Basic Bismark Brown R

HIREN ENTERPRISES Pg 9

Basic Bismark Brown Y

HIREN ENTERPRISES Pg 9

Basic Brown R Liquid

HIREN ENTERPRISES Pg 9

Basic Brown Y Liquid

HIREN ENTERPRISES Pg 9

Basic Crysodine R (Powder)

HIREN ENTERPRISES Pg 9

Basic Crysodine Y Base (Solvent Orange 3)

HIREN ENTERPRISES Pg 9

Basic Crysodine Y (Crystal & Powder)

HIREN ENTERPRISES Pg 9

Basic Crysodine Y Liquid Pg 9

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 13

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 9

Direct Red 81 Liquid

HIREN ENTERPRISES Pg 9

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 9

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 13

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 9

HIREN ENTERPRISES Pg 9

Basic Brown Y Liquid Pg 9

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 13

Indole Butyric Acid

Chemilife Enterprises Pg 13

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

PC15

KRISHNA SOLVECHEM LTD. Pg 10

Peracetic Acid

Chemilife Enterprises Pg 13

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 13

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 13

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

Katja Borghaus to Become New Head of Human Resources at Lanxess

Cologne, February 19, 2021 – Katja Borghaus will take over as head of LANXESS' Human Resources group function by July 1, 2021, at the latest. The 51-year-old will join the specialty chemicals company from Aramark Holding Deutschland GmbH. There, as member of the Executive Board, she has been responsible for Human Resources, Occupational Safety, Hygiene and Quality since 2011. In 2016, she additionally assumed responsibility for human resources in the Continental Europe region.

"I am very pleased that with Katja Borghaus we have been able to recruit such an experienced expert as the new head of our Human Resources group function," said Stephanie Coßmann, Labor Director and member of the Board



of Management of LANXESS AG.

Katja Borghaus studied law in Passau, Germany, and started her career as a lawyer specializing in labor

law. In 1999, she joined the laboratory diagnostics group Dade Behring. There she held various international management positions in the human resources department until 2007. Following the acquisition of Dade Behring by Siemens AG, Borghaus was responsible for all HR-related integration issues for several European countries. She then became Vice President HR for the Europe, Middle East and Africa region at Siemens' Healthcare division before joining Aramark in 2011.

Katja Conner, the former head of Human Resources at LANXESS, left the company at her own request on November 1, 2020.

Source : Chemical Maarket



DSM Announces Portfolio of Reworkable and Repulpable High-Performance Alternatives to Conventional Food and Non-Food Paperboard Packaging

Waalwijk (NL), 23 February 2021 - DSM, a global science-based company active in health, nutrition and materials, announces its portfolio of reworkable and repulpable barrier coating resins for the food and non-food packaging industry. Now manufacturers have an alternative to traditional, less eco-friendly LDPE coatings.

The way consumers think and feel about packaging is changing. Consumers are questioning the environmental credentials of the packaging they are handling, especially in food packaging. They are demanding to know if it is safe, sustainable and less wasteful. Also, the industry is wondering if packaging still has the functional properties to fulfill its long term requirements.

For paper and board mills, convertors and ink formulators, as well as brands and suppliers who are looking to reduce their use of harmful components that are difficult to recycle (such as PE laminates on paper), DSM is now offering them the opportunity to switch to more recyclable resins that are easy to formulate and use. At the same time DSM's new portfolio can help to lower the cost of production and scrapping compared to PE laminates – just one way DSM can help deliver the outstanding performance that the industry demands.

DSM's dispersion coating resins are aimed at producers of paperboard packaging for consumer foods, who want to

continue delivering durable, high-functioning and reliable primer coatings, inks and top coatings.

The key benefits of this suite of products is that they all deliver high performance without the need for expensive retooling. Each has been designed to be easy to formulate and suitable for various applications and are resistant to water (Cobb), grease, oil while also being compliant in accordance with food contact regulations.

At the end of their useful first life, packaging and stock coated with these resins can be easily repulped without the need for any extra processing.

For paper manufacturers and packaging convertors, DSM resin solutions offer:

- the ability to be applied using existing coating equipment
- decreased production waste and scrap costs vs PE lamination as waste and scrap coating is readily recyclable, and any treated substrate is simple to repulp

For ink formulators, DSM resin solutions:

- are easy to formulate
- are grease, oil, and water (Cobb) resistant – this reduces the number of components and additives needed in

the end formulation

- require fewer test cycles, increasing their speed to market

Two resins ready to use, a new family member A-2095XP and more to come:

- NeoCryl® A-2095 XP, the new modified acrylic styrene copolymer dispersion for use in barrier coatings, overprint varnish and water based liquid inks. It displays a good balance in water, fat and grease resistance with excellent printability, flexibility, transparency and a low residual odor.
- NeoCryl® A-2092, also a modified acrylic styrene copolymer dispersion. It delivers outstanding results when used in overprint varnish and water based liquid inks. Water, fat and grease resistance with excellent printability and transparency.
- NeoCryl® BT-62 is a semi-colloidal acrylic styrene copolymer dispersion for use in grease resistant and low Cobb value inks and paper coatings.

Jacqueline Revet, Global Marketing Manager of DSM Resins & Functional Materials commented: "At DSM we are committed to providing the print and packaging industry with a rapid and painless transition away from PE coatings to recyclable alternatives. These resins represent a major step on this journey towards reducing the use of harmful LDPE."

DSM resins are all suitable for a range of substrate types in various industries. These include food and beverage, pet food, cosmetics, and pharmaceuticals.

Source : Chemical Market



EVENTS AND CONFERENCES

MIDDLE EAST SPECIALTY CHEMICALS SHOW

Date: June 15, 2021

City: DWTC, Dubai, UAE, Dubai

Country: United Arab Emirates

Website: <https://www.fibre2fashion.com/trade-fairs/middle-east-specialty-chemicals-show-2021-57741>

Description: Co-located with Middle East Coatings Show 2021, we have broadened our reach to provide you with new opportunities to help you reach new clients, increase awareness for your company and much more... With our experience of attracting the leading names in the coatings industry for over 30 years we will bring owners and directors of companies, giving you the opportunity to meet an extremely high number of decision makers all under one roof. The Coatings Group are offering you the chance the leadings names in the speciality chemicals market at the Middle East Specialty Chemicals Show.

CPHI JAPAN

Date: April 14-16 2021

City: Tokyo

Country: Japan

Website: <https://www.cphi.com/japan/en>

Description: Hosting events in Europe, China, Korea, India, Japan, South East Asia, Middle East and North America, CPhI co-locates with ICSE for contract services, P-MEC for machinery, equipment and technology, InnoPack for pharmaceutical packaging, Bioproduction for biopharma and FDF for every aspect of the finished dosage supply chain. We know sustainability is increasingly important to our attendees and exhibitors, as well as to our market as a whole. Running CPhI South East Asia gives us lots of opportunities to improve our impacts socially, environmentally and economically in our host city.

CHEMSPEC EUROPE

Date: May 19-20, 2021

City: Messe Frankfurt, Germany.

Country: Germany

Website: <https://www.chemspeceurope.com/2021/english/event/about-chemspec-europe/>

Description: COVID-19, sustainability, new trends, and digitalisation are not just buzzwords. In fact, these aspects and the ongoing demand for innovations determine the industry. The choice of the right suppliers and the exchange of knowledge within international industry networks is more important than ever. With a highly specialised exhibition profile, Chemspec Europe 2021 is a key event for buyers, traders and agents in search of bespoke solutions and innovative substances.

CHEMUK 2021 EXPO

Date: May 12-13, 2021

City: NEC, Birmingham, UK

Country: UK

Website: <https://www.chemicalukexpo.com/>

Description: CHEMUK is the UK's only trade show dedicated to bringing together the multi-layer Chemicals/Chemical Prod-



EVENTS AND CONFERENCES

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

INTERDYE & TEXTILE PRINTING EURASIA

Date: March 11-13, 2021

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

Country: Istanbul

Website: <https://10times.com/interdye-and-printing-eurasia>

Description: International Dyestuff, Pigments, Textile Chemicals, Digital Textile Printing, Dyeing and Printing Technologies Exhibition: Interdye & Textile Printing Eurasia which will be organized in cooperation with Turkish Textile Dyeing and Finishing Industrialists Association (TTTSD) and Artkim Fuarı will bring together the leading companies of Textile Finishing and Textile Printing Industries together.

COATINGS FOR AFRICA 2021

Date: June 2-4, 2021

City: Sandton Convention Centre

Country: Johannesburg, South Africa

Website: <https://www.tradeindia.com > tradeshow > coatings-for-af..>

Description: Coatings For Africa 2021 is South Africa's dedicated event and trade show, connecting the entire paint and coatings value chain, from raw material suppliers to end users of the finished product. Coatings For Africa 2021 is the ideal place to discover the latest trends affecting the region's environmental, manufacturing and industrial needs and provides a fantastic networking opportunity for the coatings industry. Exhibitor product profile are based on additives, biocides, chemicals, extenders and fillers, oils, pigments, polymers, resins, solvents, waxes, accelerated weathering, gloss and color measurement and control, corrosion testing, instrumentation, testing labs services offering physical testing, dispersers, drums, filters, mixers, process control, pumps, labeling, filling and packaging, tinting systems, color forecasting, color cards, health and safety and fire protection.

PAINT INDIA 2021

Date: March 11-13, 2021

City: Bombay Exhibition Centre, Mumbai

Country: India

Website: <https://10times.com/paintindia-international-exhibition>

Description: The PAINTINDIA series of exhibitions, since their inception in 1993, have been the pioneering and premier coatings exposition for the coatings industry in the Indian sub-continent. PaintIndia has built a place for itself as the pioneer and the only journal in the coating industry not only in India, but in the entire Far East. It has all along championed the cause of the coating industry to the extent that the Indian Industry looks upto the journal for objective presentation of news, independent expression of views and dissemination of information in continuing research in coatings and raw materials, and its allied fields.

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



Dow earns SEAL Environmental Initiative Award for New Recyclable Packaging Design with Kashi, Berry Global

MIDLAND, Mich. – February 19, 2021 – Dow (NYSE: Dow), Kashi and Berry Global are winners of the 2020 SEAL Environmental Initiative Award for their collaboration to create the first fully recyclable flexible barrier pouch available nationally for Kashi's Bear Naked brand granola.

The SEAL (Sustainability, Environmental Achievement & Leadership) Awards honored the companies for their teamwork to create the new packaging structure, recyclable at over 18,000 retail locations nationwide as part of the U.S. store drop-off program.

"This award recognizes the hard work of everyone involved at Dow, Berry Global and Kashi who contributed to creating

this breakthrough recyclable packaging at a national scale," said Nestor de Matos, North America commercial vice president, Dow Packaging and Specialty Plastics (P&SP). "This is one of many Dow initiatives to promote sustainability, reduce plastic waste and ensure that plastics find their way back into the supply chain instead of into the environment."



The recyclable Bear Naked granola packaging is made with Dow's

RETAIN™ polymer modifiers, which compatibilize the barrier EVOH layer with polyethylene to create a film that qualifies for the Sustainable Packaging Coalition's How2Recycle® Label. The design also features a high-performance sealant for fast-paced production line

speeds that produce hermetically sealed packaging.

Dow helps brand owners and converters bring circularity to new product and packaging designs, working to maintain plastics' critical value from creation to disposal. Consumer demand for sustainability drives new collaborations for Dow with the company's customers for cost-effective, high-performance recyclable packaging.

"We believe that every plastic package and product should be designed to be recyclable," said Ashley Leidolf, North America end-use marketing manager, Dow P&SP. "We work closely with our partners to bring new, innovative technologies to market to unlock sustainability opportunities for our customers, brands and end-users."

Source : Dow

GOTS Certifications In 2020 Reach Five Figures For The First Time

New high: 10,388 GOTS certified facilities in 2020, an increase of 34% with more than 3 million workers in 72 countries

In 2020, the number of GOTS certified facilities grew by 34% globally, to a new high of 10,388 from 7,765 in 2019. 16 GOTS Approved Certification Bodies report that over 3 million people in over 72 countries were working in GOTS certified facilities.

Significant increases are seen in all regions. Top 10 countries for certified facilities are India (2,994), Bangladesh

(1,584), Turkey (1,107), China (961), Germany (684), Italy (585), Portugal (449), Pakistan (391), USA (167) and Sri Lanka (126).

GOTS approved chemical inputs now number 25,913, an increase of 13% in 2020. This confirms that these inputs are increasingly used as a risk management tool by wet processors to satisfy legal and commercial residue requirements.

"The exceptional increase in this unprecedented year shows that decision makers value GOTS as an important tool to drive sustainable

transformation in a comprehensive way - from field to fashion. Using organic fibres and processing them under strict GOTS criteria definitely provides a credible and strong base for market players to be successful in the future" says GOTS Managing Director Claudia Kersten.

GOTS version 6.0, to be implemented from 1 March 2021, includes stricter social and environmental criteria. Certified Entities will now have to calculate the gap between wages paid to 'Living Wages' and will be encouraged to work towards closing this gap. Specific refer-



ences to OECD Due Diligence Guidance and Good Practice Guidance for Social Criteria and Risk Assessment as well as Ethical Business Practises have been explicitly included.

The South Asian Region (India, Pakistan, Sri Lanka, and Bangladesh) keeps growing with a maximum volume share in GOTS certification. Despite the pandemic, the region witnessed an addition of 1,173 facilities, counting 5,116 certified facilities in 2020 (3,943 in 2019). The growth demonstrates the acceptability of GOTS on a regional and global

level, despite the challenges faced this year. There is a growing demand for GOTS certified products, and we are positive about the developments in the coming year.

Several Indian brands from the retail sector are in the process of becoming GOTS certified. India remains in the leading position in terms of GOTS certification, from fibre to final product as well approved dyes and chemicals.

Bangladesh witnessed a significant growth of 32%, a total of 1,584 facili-

ties (1,194 in 2019). Pakistan also took a leap forward, with 391 facilities (276 in 2019).

In Sri Lanka, the industry has taken preventive measures to handle the impacts of the pandemic. The industrial uniqueness and togetherness helped the overall growth of the textile industry in the region. An increase of 103%, with 62 new GOTS certified facilities, is proof of the positive business scenario.

Source : Chemical Market

Celanese Extends And Enhances Key Carbon Monoxide Feedstock Contract For Singapore Acetyls Site

DALLAS and SINGAPORE (February 8, 2021) – Celanese Corporation (NYSE: CE), a global chemical and specialty materials company, today announced its Singapore subsidiary, Celanese Singapore Pte. Ltd., has recently extended its long-term contract with Linde Gas Singapore Pte. Ltd. for the supply of carbon monoxide to its Singapore acetyls chemical facility located on Jurong Island, Singapore. Financial details of the contract were not disclosed.

Linde operates large integrated gasification facilities in Singapore to produce gases including hydrogen and carbon monoxide. Celanese began its acetic acid operations in Singapore in 2000 and has been supplied by Linde since 2004.

Carbon monoxide is a key feedstock in the production of acetic acid. The extended contract will provide Celanese's Singapore facility with an ongoing, reliable and strategically advantaged supply of carbon monoxide for its 600 kiloton acetic acid plant and acetyls production processes.

“Linde has been a valued partner for Celanese as our carbon monoxide supplier to the Singapore site, and this extension will continue to provide the site with a flexible and reliable supply of carbon monoxide supporting our acetyl chain business,” said John Fotheringham, Senior Vice President, Acetyls. “Our close cooperation with Linde has enabled Celanese to enhance our operational flexibility in support of our long-term strategy based upon low cost, flexible production designed to meet our customers’ needs in all regions of the world.”

“Linde is proud to strengthen our long-standing relationship with Celanese, a key global customer, while putting our Singapore business in an even stronger position for the future,” remarked Binod Patwari, Head of ASEAN, Linde. “This reflects our commitment to the region and, in particular, to our business and customers in Singapore. We look forward to continue working closely with Celanese to meet their supply needs safely and reliably.”

With manufacturing and distribution in all regions, Celanese is a leading, global producer of acetic acid, which is a basic chemical used in paints and coatings, adhesives, food packaging and construction materials. The Celanese Singapore facility produces acetyl intermediate products including acetic acid, butyl acetate, ethyl acetate, VAE emulsions and VAM, among other chemical products.

Source : Celanese



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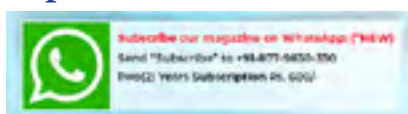


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Social Media Marketing	Yes	Yes	Yes	Yes
SEO	-	-	Yes	Yes
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