



FINORCHEM LIMITED



CORPORATE INTRODUCTION

OUR VISION

To be a world class company in rubber and specialty chemicals, with a clear focus to exceed customer expectations.

ACMECHEM LIMITED



**We manufacture
Fine and
Performance Rubber
chemicals**



Head quartered
in Kolkata, India



Commenced
in 1994



Company type-
Public Limited



Founder – **Mr. Narain Holani**
(Chemical Engineer, BITS Pilani,
alumnus), having about 4
decades of industry experience,
rubber & specialty chemicals
industry specialist.



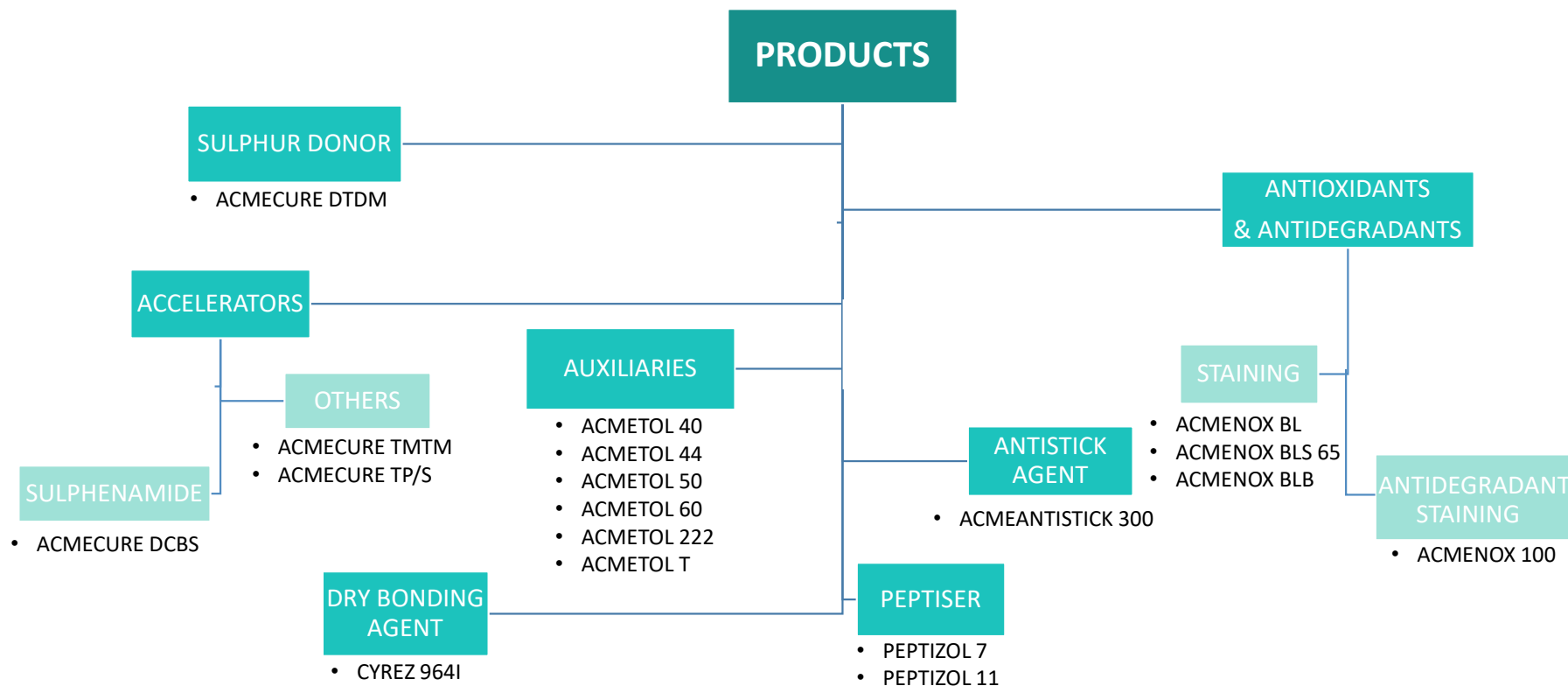
Number of manufacturing
facilities – 1 @ G.I.D.C Panoli,
District Bharuch, Gujarat India.

Total Capacity – **15000 MT**




Acmechem Ltd. is
IATF 16949 :2016,
ISO 9001:2015, ISO
14001:2015,
ISO 45001:2018.
certified company.

FINORCHEM (UNIT 1) PRODUCT DETAILS




FINORCHEM (UNIT 1) PRODUCT DETAILS

The background of the slide features a photograph of a paved road curving through a rural landscape with fields and hills under a blue sky. A close-up of a tire tread is visible on the right side of the image.

GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPA (Current)	MTPA (Planned)
ANTIOXIDANTS	Acmenox 100	74-31-7	Mixture of Diaryl Para-Phenylene Diamine	1500	1800
	Acmenox BL/BLN	68412-48-6	Condensation product of Diphenyl amine and acetone	2400	3600
	Acmenox BLB	0013333-86-4 68412-48-6	Blend of Acmenox BL and Carbon		
	Acmenox BLS-50/65/75	009003-79-6 68412-48-6	Blend of Acmenox BL and Silica		

FINORCHEM (UNIT 1) PRODUCT DETAILS

A background image showing a paved road curving through a rural landscape with fields and trees. A close-up of a tire tread is visible in the foreground on the right side.

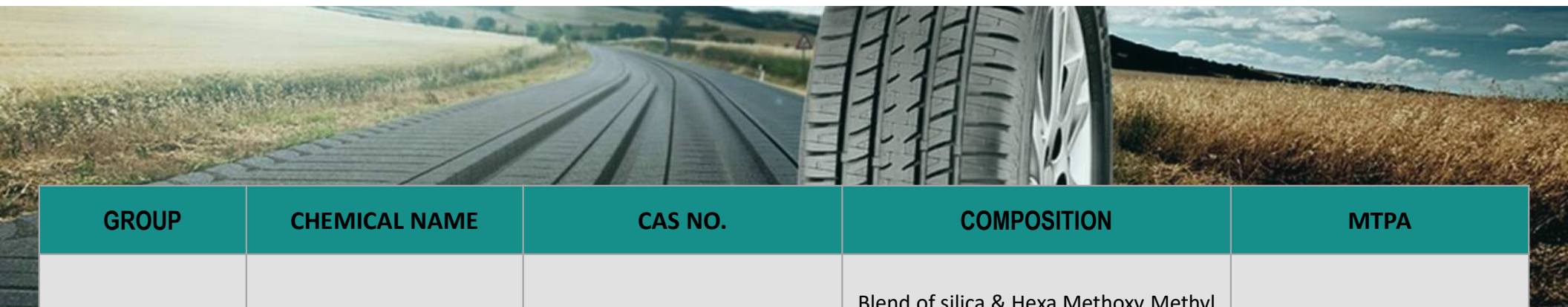
GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPA (Current)	MTPA (Planned)
PEPTISERS	Peptizol 7 (Powder/pellets)	133-49-3	Mixture of Penta chloro thio phenol (PCTP) with activator, dedusting agents and Kaoline	2400	3600
	Peptizol 11 (Powder/pellets)	135-57-9	Mixture of Di benzamido diphenyl disulphide (DBD) with activator , dedusting agents and Kaoline		
	Peptizol 11 (G)/Peptizol 11 (R)	135-57-9	Mixture of Di benzamido diphenyl disulphide (DBD) with activator, binder and Kaoline		

FINORCHEM (UNIT 1) PRODUCT DETAILS



GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPA
PROCESSING AIDS	Acmetol 50/Acmetol T	NA	Zinc salt of unsaturated fatty acid	3600
	Acmetol 44	NA	Mixture of Zinc salt of fatty acid and alkali soap	
	Acmetol 60	NA	Mixture Zinc soaps of high molecular rubber compatible carbonic soap	
	Acmetol 222	NA	Di-stearyl phthalate PentaErythritol Ester I & II	
	Acmetol EF 44	NA	Blend of fatty acid derivatives (predominantly zinc soaps)	
	Acmetol JV46F	NA	Blend of fatty acid derivatives	
	Acmetol ZB49	NA	Blend of fatty acid derivatives	
	Acmetol 276	NA	Blend of fatty acid zinc soaps of predominantly aliphatic nature	
	Acmetol 254	NA	Compound of fatty acid amides and amino acid derivatives	
	Acmetol 16	NA	Mixture of fatty acid soaps, predominantly calcium	
	Acmetol 42	NA	Blend of fatty acid derivatives	
	Acmetol 1105	NA	Combination of metal soaps and aromatic disulphide	

FINORCHEM (UNIT 1) PRODUCT DETAILS



GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPA
RUBBER ADHESIVE	Cyrez 964I	0009011-05-6	Blend of silica & Hexa Methoxy Methyl melamine	1800
ANTI STICK AGENT	Acmeantistick-100/200/300/400	001392-7-77-0	Combination of inorganic fillers, active substance and tensides	1800
ACCELERATOR	Acmecure TP/S	6990-43-8	Zinc dialkyl dithiophosphate bound to silica	1000

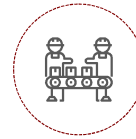
ADVANTAGE TO THE CUSTOMER



Tried and tested reliable partner across the globe for consistency in quality & 100% on time delivery



A robust & well diversified supply chain system to ensure availability of product for customer



State of the art manufacturing facilities , with modern equipment for automation and quality systems.



Energy conservation, reduction of wastages, conservation of natural resources.



Customer's aspirations relating to the products and feedback are constantly asked for, thereby new range of products are introduced



We are embarking upon ZLD for reduction of effluent, water conservation.



Location Advantage – Gujarat
Highly Industrialized state ensures easy availability of skilled manpower, machinery & Raw Material



We are complying with necessary SVHC, RoHS, PAH and other international standards.

AWARDS



Rubber Chemicals Panel: From left: Tom Thomas (CEAT), R.M. Gadgil (NOOL), Kishor Kulkarni (ACMECHEM), Ashish Agarwal (TVC), Munesh Kumar Batta (OCCL) and Pravin Tripathi (Apollo Tyres)

MERCHEM LIMITED



Acmechem acquired Merchem Limited – another well known Rubber chemical manufacturer in **2019**



Besides adding production capacities this acquisition will help Acmechem expand it's basket of product offerings to our customers



Total combined capacity after Merchem acquisition is **40,000 MT** and number of manufacturing locations is 2



Merchem plants restarted commercial operations in **2020**



















In **2022** the merger of Acmechem & Merchem was completed and the merged entity was rechristened as **Finorchem Limited**



Current turnover of Finorchem Limited is ~ **USD 75 million**

MERCHEM JOURNEY

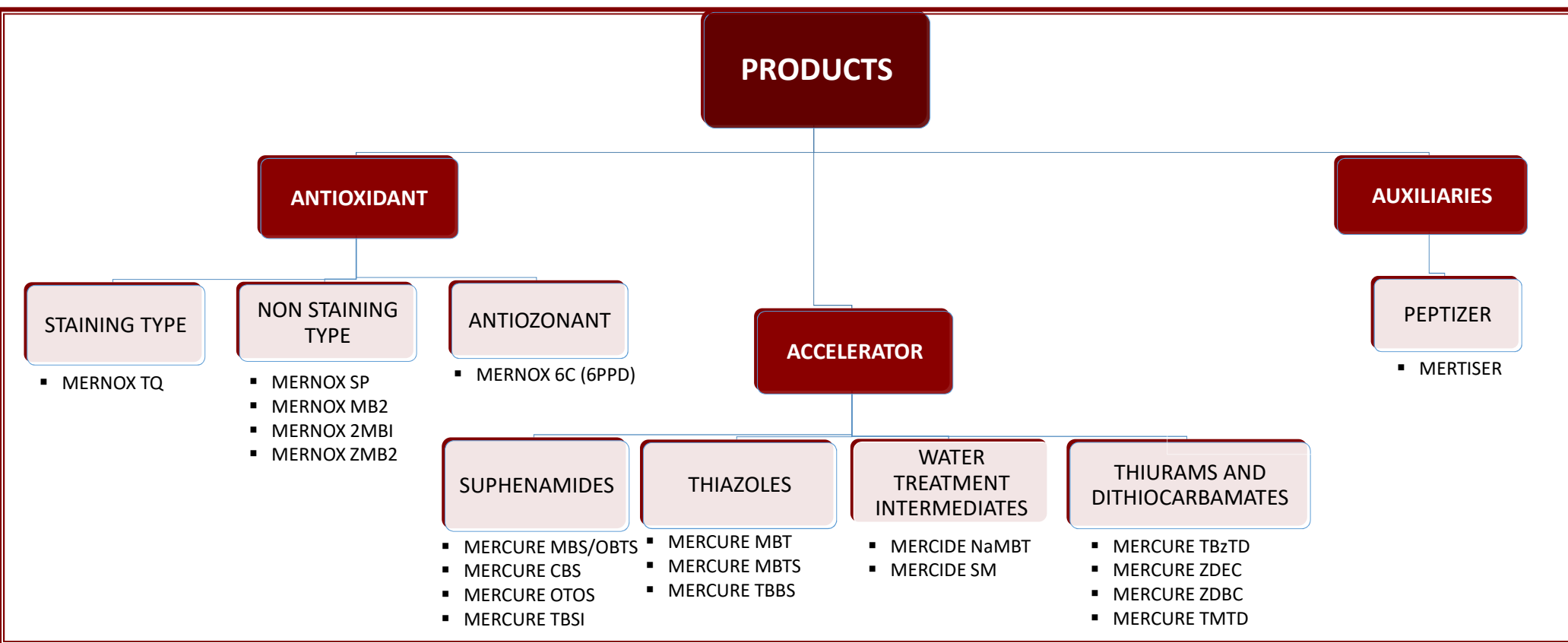


 <p>2020</p> <p>Restarted Operations</p>	 <p>2013</p> <p>Merchem wins AIRIA – Award for Export performance in Raw Material – rubber chemicals category</p>	 <p>2012</p> <p>Multiple Effect Evaporator for effluent treatment installed in Ponoli, Gujarat plant</p>	 <p>2011</p> <p>Merchem awarded the certificate of Merit for Export large scale industry category by Govt. of India (CHEMEXCIL)</p>	 <p>2008</p> <p>R & D department recognized by the Department of Scientific and Industrial Research, Govt. of India</p>	 <p>2006</p> <p>Exclusive centralized R & D commissioned</p>	 <p>2005</p> <p>Zero discharge system for effluent treatment by installing multi-effect evaporator system</p>	 <p>2004</p> <p>Best performer award from Hindustan Organic Chemicals.</p>
 <p>2010</p> <p>1. BS OHSAS 18001:2007 Certified. 2. SAP go-live.</p>	 <p>2010</p> <p>"A Business House Par Excellence" award by Times of India Group</p>	 <p>2009</p> <p>1. QMS ISO 9001: 2000 standard updated to 2008 version 2. Merchem starts exporting to Latin America.</p>	 <p>2009</p> <p>Merchem wins Govt. of India's award for Export Excellence</p>	 <p>2000</p> <p>Environment Management System : 14001</p>	 <p>1997</p> <p>Quality management system accredited with ISO 9001 standard</p>	 <p>1995</p> <p>Started exports to South East Asia.</p>	 <p>1981</p> <p>Merchem launched rubber processing chemicals in the Indian market.</p>

FINORCHEM (UNIT 2) PRODUCT DETAILS



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FINORCHEM (UNIT 2) PRODUCT DETAILS



GROUP	PRODUCT	CAS NO.	CHEMICAL NAME	MTPA (Current)	MTPA (Planned)
ACCELERATORS	Mercure CBS	95-33-0	N-Cyclohexyl-2-Benzothiazole Sulphenamide	1800	2400
	Mercure TBSI	155-04-4	N-Tert-Butyl-2-Benzothiazole-sulfenimide	1000	-
	Mercure MBS	102-77-2	N,N'-Oxy-Di-Ethylene Benzothiazole Sulphenamide	1400	-
	Mercure MBT	149-30-4	2-Mercaptobenzothiazole	3600	-
	Mercure MBTS	120-78-5	Dibenzothiazyl disulphide	1800	-
	Mercure TBBS	95-31-8	N-Tert-Butyl-2-Benzothiazole Sulphenamide	1800	2400
	Mercure OTOS	13752-51-7	Thiocarbamyl Sulfenamide	500	-
	Mercure DCBS	4979-32-2	N-N Dicyclohexyl benzothiazyl sulphenamide	1800	2400
	Mercure TBzTD	10591-85-2	Tetra Benzyl Thiuram Disulphide	1000	-

FINORCHEM (UNIT 2) PRODUCT DETAILS



GROUP	PRODUCT	CAS NO.	CHEMICAL NAME	MTPA (Current)	MTPA (Planned)
ANTIOXIDANTS/ ANTIOZONANTS	Mercure SP	61788-44-1	Mixture of Styrenated Phenol	1000	-
	Mernox TQ/TQ (HPG)	26780-96-1	1,2-Dihydro-2,2,4-trimethyl quinoline, polymerized	3000	6000
	Mernox MBI	583-39-1	2-Mercapto Benzimidazole	500	-
	Mernox MB2	53988-10-6	(4,5) – Methyl – 2 – Mercapto Benzimidazole	500	-
	Mernox ZMB2	61617-00-3	Zinc Salt of 4 and 5-Methyl-2-Mercapto Benzimidazole	500	-
	Mernox 6C (6PPD)	793-24-8	N-1,3-dimethyl butyl-N'phenyl- paraphenylenediamine	10000	-

FINORCHEM CORE TEAM



Director -Technical Services

Mr. Kishor Katkar

Ex-Lanxess, Ex-ISRL



Director – AVP Projects &
Operations

Mr. R B Vishwanath

Ex - Resonance Specialties



Director – QA/QC

B. Jayamani

Ex – MRF Tyres



Director - R&D

Dr. Raj Durairaj

Ex - Indspec

QUALITY ASSURANCE



We are committed to Total Customer Satisfaction through manufacturing of quality products and consistency in quality & services.



Our QA Laboratory operates round the clock and has developed a Quality Assurance approach based on clear target of Zero defect.

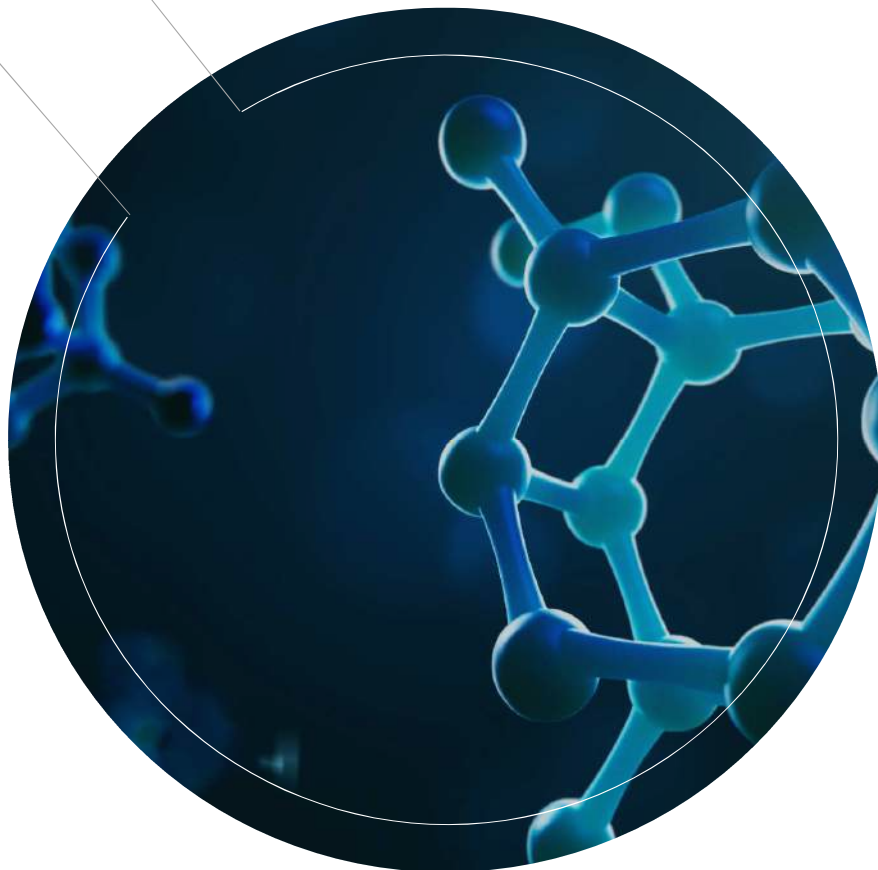


Continual improvement of quality management system conforming to IATF 16949 :2016, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.



QA team is manned by qualified, well experienced & trained staff handling the responsibility of achieving Continuous Quality Improvement Goals.

R & D INITIATIVES



Comprehensive R&D is the backbone of our company's success. In order to further augment our R&D we have come up with a state of the art modern R&D Lab.



R&D facility is well equipped for new product development, its evaluation and application testing supported by latest analytical instrumentation.



With the knowledge & use of technology, cost effective & high performance solutions are achieved.



The client's aspirations relating to the products and feedback are constantly asked for, thereby new range of products are introduced



Equipped with pilot plant to conduct scale up activities



Proposed technical services laboratory equipped with modern instruments to perform mechanical, chemical & performance analysis of rubber compounds



New Product Development

- » DHTS: Hexamethylene-1, 6-bis(thiosulphate), disodium salt dehydrate.
- » HVA 2: N,N-m-phenylene bismaleimide
- » Vulcuren: 1,6-bis(N,N-dibenzylthiocarbamoyldithio)-hexane
- » Perkalink 900: 1,3-bis(3-methyl-2,5-dioxo-1H-pyrrolinylmethyl)benzene
- » RF & Curing Resins
- » Traction Resins
- » Carbon Black coupling Agents
- » Silica Rubber coupling agents
- » Super Tackifier Resins
- » Reinforcing Resins
- » Bonding Resins

FINORCHEM LIMITED, PANOLI



TANK FARM



ACCELERATOR PLANT



ACCELERATOR PLANT



ACCELERATOR PLANT



ACCELERATOR PLANT



ANTIOXIDANT PLANT



FINISHED GOODS WAREHOUSE



SUSTAINABILITY INITIATIVES



Improvement in
Production Process
to reduce effluent
quantity and quality in
production of
Accelerators



Energy efficient
agitation systems
are incepted to
improve the reaction
efficiencies and
cycle time



Plant roof tops are
provided solar panel
to tap renewable
energy source.
Cleaner source of
energy - natural gas
for steam production



Installation of new ETP
(Effluent Treatment Plant)
facility - Soil Biotechnology
(SBT) is a Green Engineering
approach based on a bio-
conversion process and MEE
(Multiple Effect Evaporation)

EFFLUENT TREATMENT PLANT



GREEN INITIATIVES



OUR VALUED CUSTOMERS



CEAT



Continental



FINORCHEM
BREATHING CHEMISTRY

BKT
GROWING TOGETHER

JK TYRE
& INDUSTRIES LTD.

GOODYEAR

TITAN
MOVES THE WORLD

YOKOHAMA

METZELER
MOTORCYCLE TYRES

RALSON

TRELLEBORG

TVS TYRES

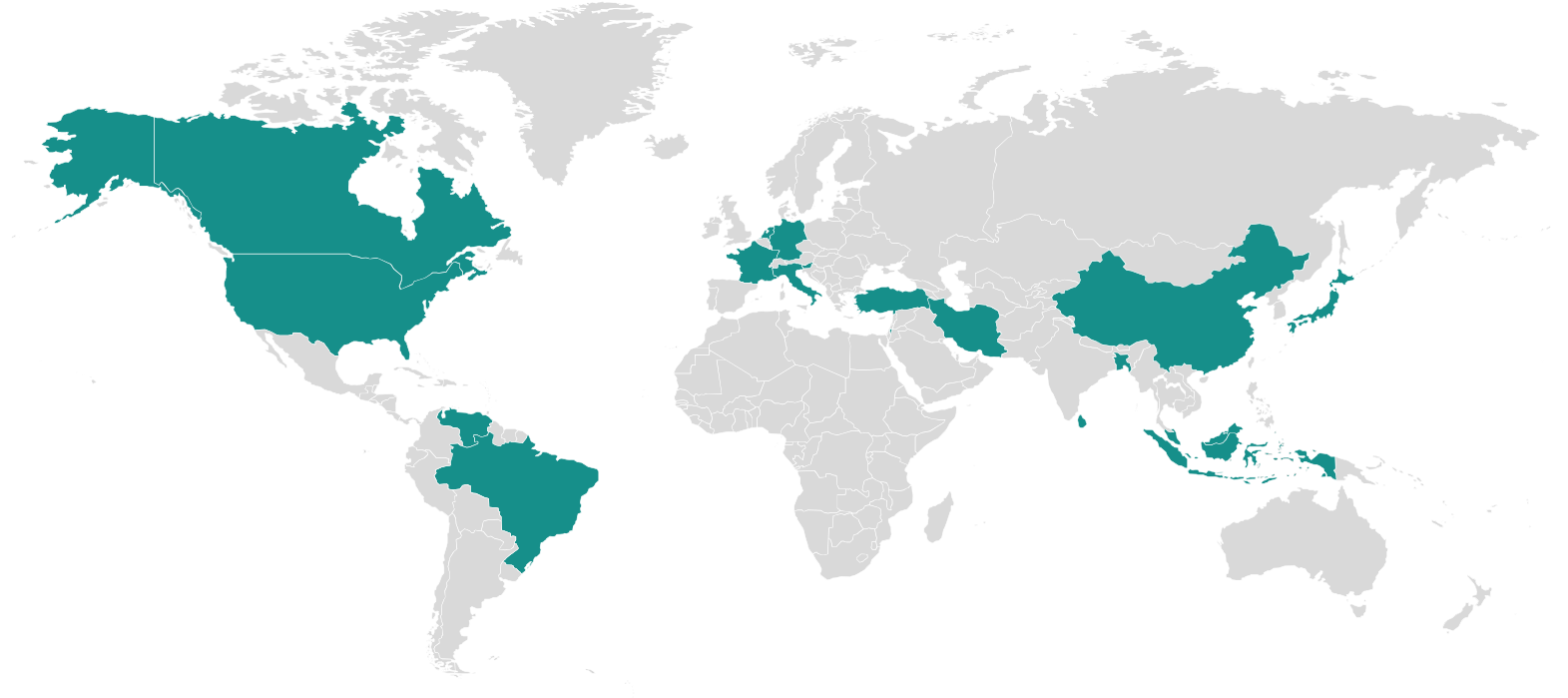
Ansell

Fenner
Fenner (India) Limited

INTERNATIONAL PRESENCE



EXPORTING COUNTRIES



- USA
- Canada
- Brazil
- Germany
- Netherlands
- France.
- Italy
- Japan
- China
- Indonesia
- Turkey
- Israel
- Thailand
- Malaysia
- Sri Lanka



THANK YOU