



Gangwal[®]

Bringing Life to Formulations

Gangwal Chemicals Pvt. Ltd.

Corporate Presentation

BUSINESS OVERVIEW & KEY METRICS

BUSINESS OVERVIEW

- Founded in 1987 and promoted by **Mr. Anil Jain**, Gangwal Chemicals has established itself as an innovative & visionary business group in the field of manufacturing, distribution and trading of specialty ingredient for Pharmaceutical, Nutraceutical, Personal Care and Industrial Segment.
- In 2000, the present Chairman **Mr. K.C. Jain** joined the Board bringing six decades of hands-on experience in Pharmaceutical R&D, Projects and Production having been associated with leading MNCs and Indian Pharmaceutical companies.
- Current board comprises of:
 - **Dr. Prasad Anaokar- Regulatory**
 - **Mr. Rakesh Acharya- Factory Operations**
 - **Dr. Shirish Velankar- QA & QC**
 - **Ms. Anju Thakkar- Sales & Marketing.**
 - **Mr. Romit Jain- Sales & Marketing**

AWARDS & RECOGNITIONS

- Gangwal Chemicals is **ISO 9001:2015** and **State FDA** approved.
- Received '**Outstanding Vendor**' award by British Biological.
- Gangwal Chemicals has recognized as '**Partner in Excellence**' by Abbott
- Received consecutive six '**Best Distributor**' award from Fuji Chemical Industries-Japan.
- Our R&D unit T7 is recognized by DSIR accreditation.



OUR CUSTOMERS

ESTEEM PARTNERS

VISION

To identify and bring the latest products and technologies
for **Pharmaceutical, Personal Care, Health & Wellness.**
And to be a **leader in Speciality Ingredients**

VALUES

People are our most important
resource to conduct our business in a
caring and an environmentally
responsible way

ETHICS

We add value to our principals
without compromising our
ethics and integrity

Trust, Transparency and Fair play remains the corner stone of all our relationships.



- ⌘ **Gangwal Chemicals Pvt. Ltd.** : Manufacturing , Distribution & Trading Business of Specialty ingredients for Pharmaceutical, Personal Care, Nutraceutical & Industrial segments
-



SURGING AHEAD
Food & Nutraceuticals

- ⌘ **S. A. Pharmachem Pvt. Ltd.**: Active in the manufacturing & marketing of High End Specialty Ingredients for all kinds of Pharma, Food, Feed, Health & Wellness and textiles application
-



(Distribution of APIs & Excipients)

- ⌘ **Solitaire Healthcare**: Distribution of APIs and Excipients
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- ⌘ **Solitaire Healthcare Pvt. Ltd.**: Contract Research & Contract Manufacturing of finished cosmetic formulations
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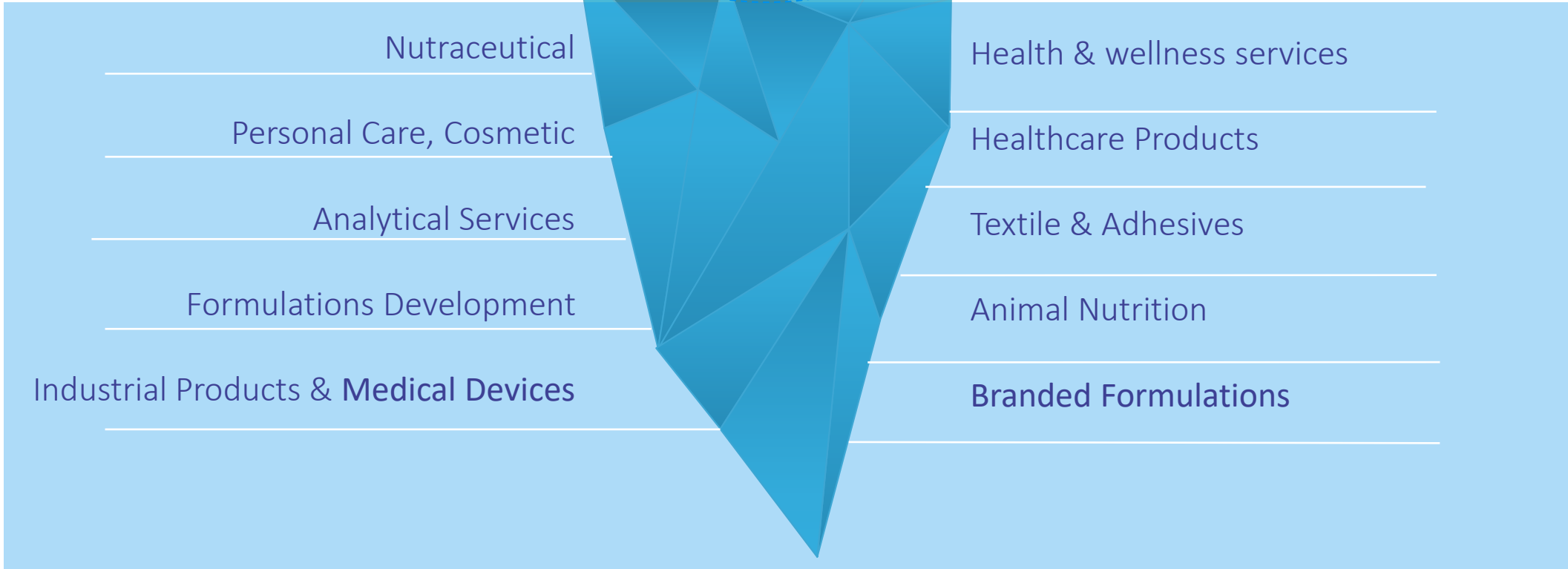


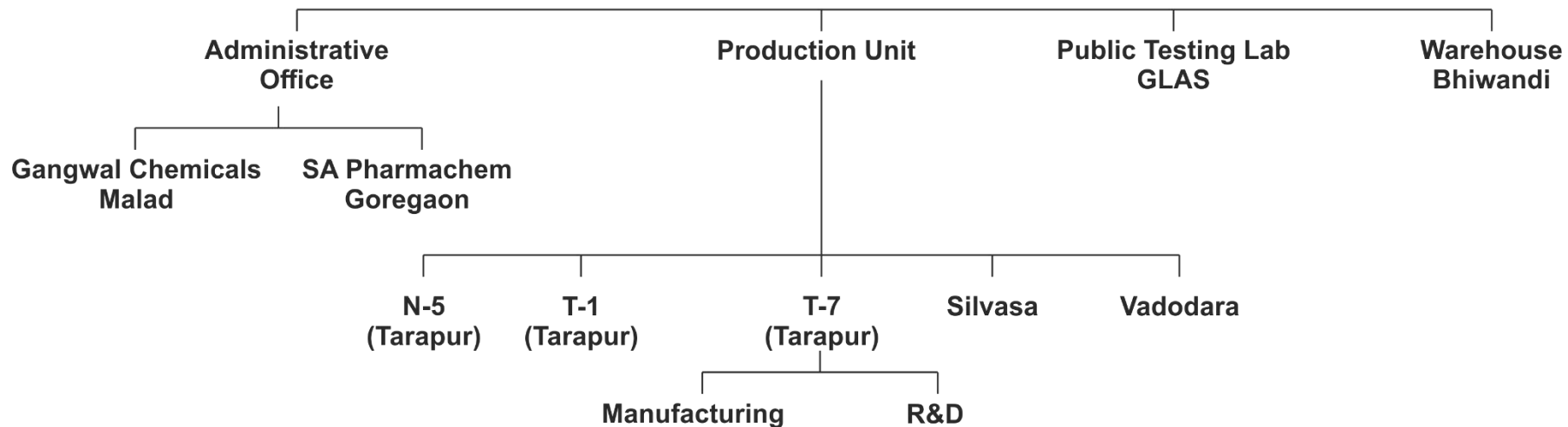
- ⌘ **GLAS (Gangwal Laboratory Analytical Services):** FDA Approved Public Testing Laboratory located in Boisar MIDC Area



- ⌘ **Entice:** Branded cosmetics- The Skin Story & The Beard Story

**Pharmaceutical
Excipients & APIs**





N5- BOISAR, TARAPUR
ISO 9001:2008, Local GMP Certified, WHO-GMP Certified



T1- BOISAR, TARAPUR
FSSAI Certified



T7- BOISAR, TARAPUR
cGMP / WHO / State FDA Compliant manufacturing Facility



T7 R&D Unit- BOISAR, TARAPUR
cGMP / DSIR Accredited



SILVASSA
CGMP, ISO 9001:2008, Halal Certificate, FSSAI for Micronutrient Premixes



VADODARA
Animal Nutrition

A well planned and strategically located **Headquarter** at Quantum Tower, Malad (West) Mumbai.



**HERE
WE
WORK**

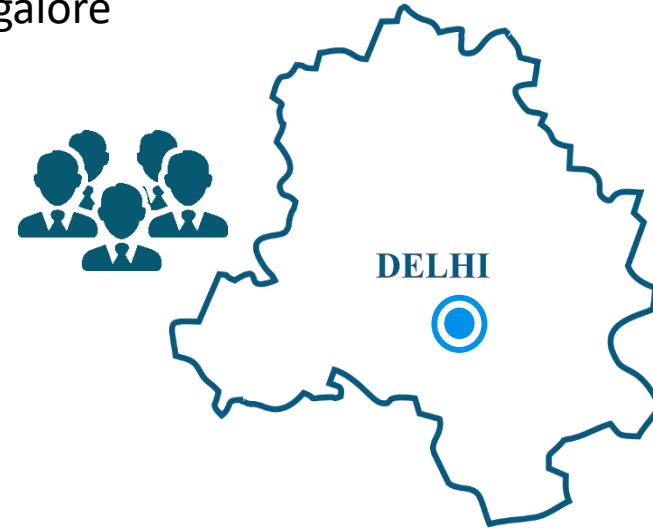


**Work Strength of
100 + personnel**

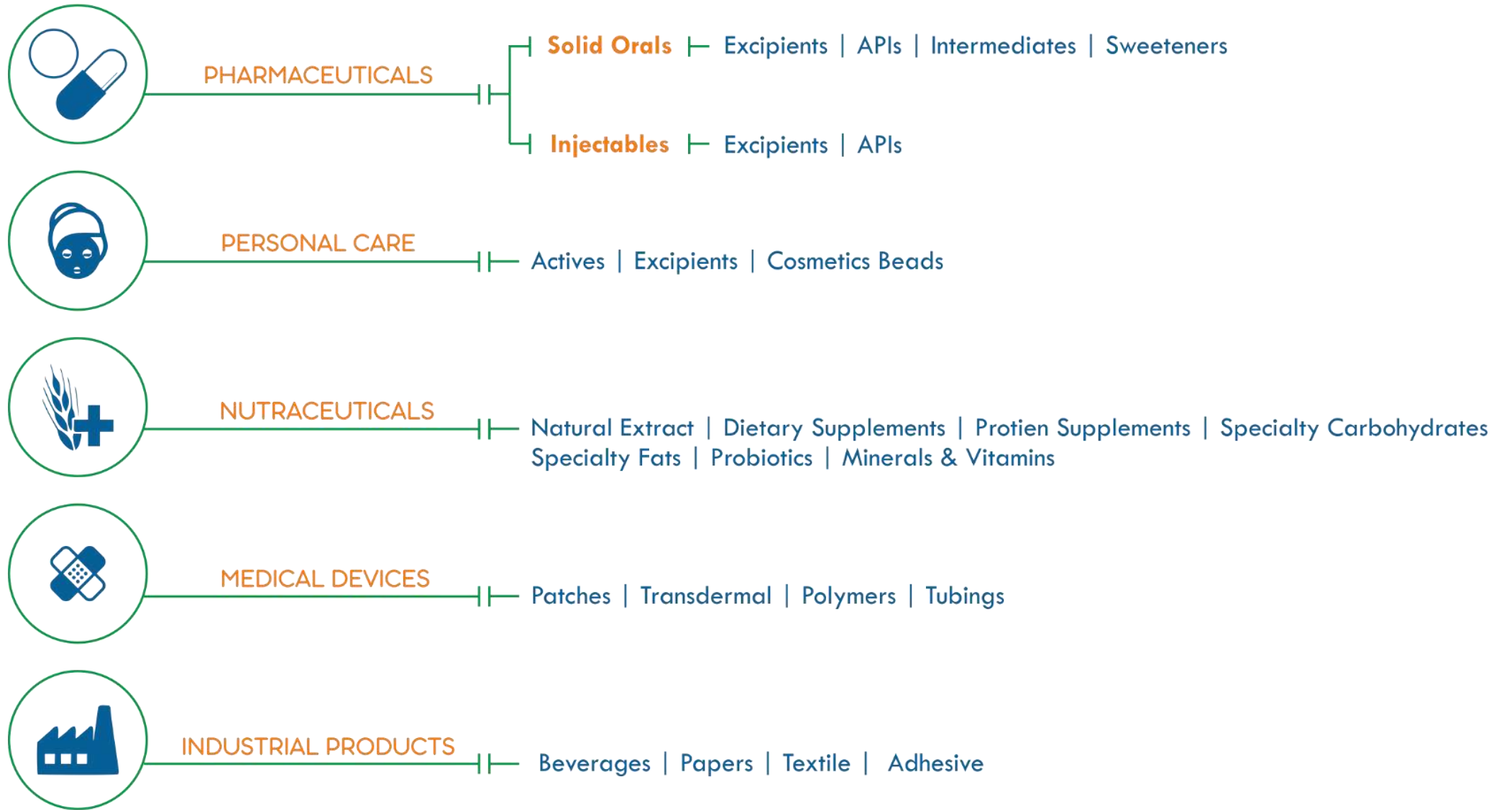
OUR REGIONAL STRENGTH

West -Ahmedabad, **North**-Delhi, Roorkee, **South**-Hyderabad & Bangalore

- ⌘ Total Manpower in Sales and Marketing – 70 & growing...
- ⌘ Our customer base consists of leading Health Care companies in India. We are present in top 50 companies; as their key suppliers
- ⌘ Excellent networking with R&D scientists, supply chain, Purchase, business development & marketing professionals



Our Businesses



<u>Distribution & Marketing</u>	<u>Manufacturing</u>	<u>Contract Research & Contract Manufacturing</u>	<u>Analytical & Regulatory Services</u>	<u>R&D & Formulation Development</u>
Pharmaceutical Specialty Excipients & APIs	Co-Processed Excipients	Cosmetic	Analytical Laboratory / Industrial Testing	Target Physical Parameters
Nutraceutical Ingredients	APIs & Intermediates	Personal Care	Chemical & Instrumental Test	Dissolution Profile Matching
Cosmetic & Personal Care Ingredients	Pharmaceutical Pellets	Nutraceutical	Quality Assurance	Process Design & Optimization
Industrial Products	Cosmetic Beads	Pharmaceutical	Document Management	Check Achieved Parameters
Medical Devices	Artificial Sweeteners		GMP Audit & System Development	Plan for Stability
	Plasticizer		GMP Project Management	Customized Formulation Development
	Nutraceutical		Method Development	
	Dietary Supplement		Method Validation	
	Tablets & Capsules			

- ⌘ The products in our portfolio are not the *'Run of the Mill'* products , but are very Sophisticated, Innovative and Niche excipients; requiring a strong technical knowledge and experience to be pitched and promoted.
- ⌘ We are among the very few strong Pharmaceutical Distributors who are working on almost every form of Drug Delivery Systems such as - **Tablets, Capsules, Liquids, Injectables, Patches, Topicals, Sachets**
- ⌘ Our working approach is comprehensive in nature and aimed on Theme of *'Concept Commercialization'*
- ⌘ All our principals are leaders in their category of products / excipients. We as a group, with our team of Technically Qualified Personnel have been a capable partners to all our principals to take forward the products and projects introduced by them

- ⌘ We are the only company in India which is into all the following focused segments;
 - a. Manufacturing
 - b. Distribution
 - c. Analytical Services
 - d. Formulation development
 - e. Finished Product Marketing

- ⌘ Active in high-end speciality ingredients for use in Pharmaceutical, Feed, Health & Wellness, Personal Care and Industrial Chemicals

- ⌘ We represent the best global manufacturers exclusively for the Indian sub-continent and Asia Pacific region

- ⌘ Strong logistic, warehousing and marketing network throughout India

- ⌘ State-of-The-Art facilities to manufacture high end ingredients and finished formulations

- ⌘ Gangwal Chemicals has technically qualified marketing personnel in Pharmaceuticals and Personal Care
- ⌘ Good rapport with major Universities, Pharmaceutical & Personal Care, Research Institutions
- ⌘ Preferred source as a first point contact for information on NDDS and novel excipients

OUR STRENGTH



OUR MARKETING & PROMOTIONAL ACTIVITY

- ⌘ We actively promote & market specialty ingredients in trade exhibitions, publications & online
- ⌘ It includes advertising (**Pharma Express, Chemical Weekly, Chronicle of Pharmabiz, Cosmetic-Herbal News & BTC magazine**), public relations, trade shows (**CPhI & HPCI, Cosmo-Tech Expo**), social media, or whatever comes next



Analytical & Regulatory Services
FOR INQUIRY PLEASE CONTACT
+91 99672 32999 / +91 9672 32999

GLAS™
Division of Gangwal Chemicals Pvt. Ltd.

Instruments for Analysis

- HPLC
- GC-MS
- FTIR
- UV-Vis Spectrophotometer
- Dissolution Apparatus
- Potentiometric Titrator
- Karl Fischer Apparatus for Moisture Content
- ICP-OES

DiCOM-DC™ *Just Blend & Punch*
Ready to use co-processed, direct compression excipient

Save Time & Efforts Increase Output Substantially Save Money

API + DiCOM-DC™ = TABLETS

High Functionality Excipients

ProBlend® Sulfated Microcrystalline Cellulose **STARLOSE®** Crosslinked Cellulose

Available **DiCOM-DC™** Grades

- DiCOM-DC™ PL For small & large dose APIs with good compressibility
- DiCOM-DC™ DT For low disintegration time formulations
- DiCOM-DC™ SP For moisture sensitive, hygroscopic & deliquescent APIs
- DiCOM-DC™ SR For sustained release formulations
- DiCOM-DC™ EF For effervescent formulations
- DiCOM-S® Single modified high performance range of excipients

Gangwal Chemicals Pvt. Ltd.
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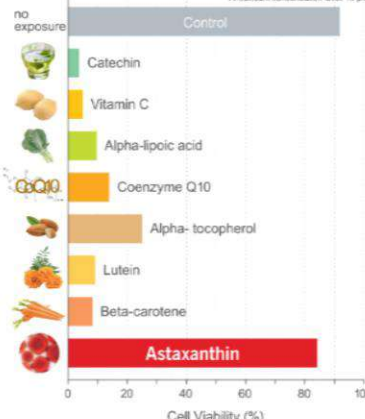
Mailer Campaigns

AstaReal Be you, Just healthier **The Best Natural Astaxanthin**

“OUR MISSION is to make the world healthier and happier.”

Protective Effect of Antioxidants on Human Fibroblasts *Astaxanthin vs. other antioxidants*

Human dermal fibroblasts were pre-incubated with antioxidants before exposure to singlet oxygen, and cell viability was measured to compare the protective efficacy. (Antioxidant concentration level: 10 µM)



Antioxidant	Cell Viability (%)
Control	~100
Catechin	~75
Vitamin C	~65
Alpha-lipoic acid	~60
Coenzyme Q10	~55
Alpha-tocopherol	~50
Lutein	~45
Beta-carotene	~40
Astaxanthin	~85

Range of Product

- AstaREAL Oil, 5% / 10%
- AstaREAL Powder, 2.5% / 4%
- AstaREAL Water Soluble, 2.5%
- AstaREAL CWD Beadlet
- AstaREAL CWD Beadlet
- AstaREAL CLEAR100, 1% Liquid

Areas of Clinical Study on Natural Astaxanthin

- Neurovascular Protection
- Eye Fatigue Relieve
- Skin Aging Defense
- Immune System Booster
- Liver Health And Metabolic Syndrome
- Cardiovascular Health
- Lowering Gastric Inflammation
- Anti-diabetes / Kidney Protection
- Muscle Resilience
- Fertility
- Capillary Circulation

Contact for more information
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Tel: +91 22 2888 9000, Fax: +91 22 2883 5347, Email: info@gangwalchem.com, Web: www.gangwalchem.com

Living longer! Living better! Living with spirit undimmed by age or disease throughout your life!
This is how we define happiness. We believe the fundamental way to “be you” at any stage of life is to become healthier as you grow older by building resilience against oxidative stress and chronic inflammation. Astaxanthin is the anti-aging treatment that lets you shine brightly without burning out!

AstaReal's Unique Photobioreactor Cultivation
Since 1994, only AstaReal cultivates algae in a completely indoor. The controlled process results in the highest quality, purity and most efficacious astaxanthin.



- Comprehensively backed by safety and toxicology studies. Nearly 20 years on the market. US FDA GRAS, DSHEA NDIN and many more
- Holder of the largest number of patents for astaxanthin uses
- Health professional recognition and athlete recognition
- Sold in more than 30 Countries and in leading brand supplements
- GMP inspected and pharmaceutical manufacturing expertise
- Prolific Research & Development activities

Magazine Advert

OUR PHARMACEUTICAL ASSOCIATES

ADM- SIO – FRANCE

LOTTE FINE CHEMICALS- S. KOREA

BIOFAC – DENMARK

LUBRIZOL - USA

BOAI NKY PHARMACEUTICALS LTD. - CHINA

NAGASE- JAPAN

CYDEX PHARMACEUTICALS INC - USA

NIPPON GOHSEI – JAPAN

DOOSAN - KOREA

NIPPON SODA– JAPAN

DUPONT- USA

PUROLITE – USA

FLAMMA - ITALY

RAISIO – FINLAND

FUJI CHEMICAL INDUSTRIES CO. LTD., - JAPAN

SANYO CHEMICAL INDUSTRIES – JAPAN

GELTECH - KOREA

SEPPIC – FRANCE

HAYASHIBARA- JAPAN

SUHEUNG CAPSULE - KOREA & VIETNAM

JOINWAY - CHINA

SUMITOMO SEIKA CHEMICALS CO. LTD- JAPAN

LACTEL (DURECT CORPORATION) - USA

SUNOPTA – CANADA

TATUA – NEW ZEALAND

ASTAREAL- FUJI CHEMICALS INDUSTRIES

SEPPIC

CABIO BIOENGINEERING

SOLABIA

EVOLVA

TATE & LYLE

KYOWA HAKKO

PROSOL

TATUA

JRS- SUNOPTA

ARGILE DU VELAY (FRANCE)

MEDOLLA (ITALY)

ELEVANCE (USA)

20 MICRON (INDIA)

GFN SELCO (GERMANY)

CHEMSPEC (INDIA)

KLK OLEO (MALAYSIA)

KUMAR ORGANICS (INDIA)

LINGEBA (CHINA)

OXITENO (MEXICO)

SOLABIA (FRANCE)

PRESERSE INC (UK)

TINCI (CHINA)

SUZHOU ELECO (CHINA)

VANTAGE (USA)

VARIATI (ITALY)

APIs

Isoxsuprine HCl (IP/USP/BP/EP)
Timolol Maleate (IP/USP/BP/EP)
Modafinil (USP/BP)

Excipients

Complexol-HP[®] – Hydroxypropyl Betadex USP-NF/Ph.Eur./BP/DMF No. 23816
Complexol-B[®] - Betadex USP-NF/Ph.Eur./BP/IP
Ristar[™] - Rice Starch
Innogel[™] 9000 - Pregelatinized starch IP/BP/EP/USP-NF DMF

Co-processed Excipients

DiCOM-DC[®] - Co-Processed excipient system for direct compression
Gellets-C[®]- Spheres for Cosmetics (Exfoliates, Dispersible, Various Extract Loaded Beads)
Gellets-P[®] - MCC Pellets for Pharmaceuticals



Sweetener

Sucres[®] (Sucralose) IP/BP/EP/USP
SweetACE[®] (Acesulfame Potassium) IP/BP/EP/USP
CutCal[™] (Neotame) IP/USP

Contract Manufacturing

Nutraceutical Sachets Manufacturing

Contract Manufacturing

Nutraceutical Sachets Manufacturing



T1- BOISAR, TARAPUR

fssai Certified

Blending Capacity

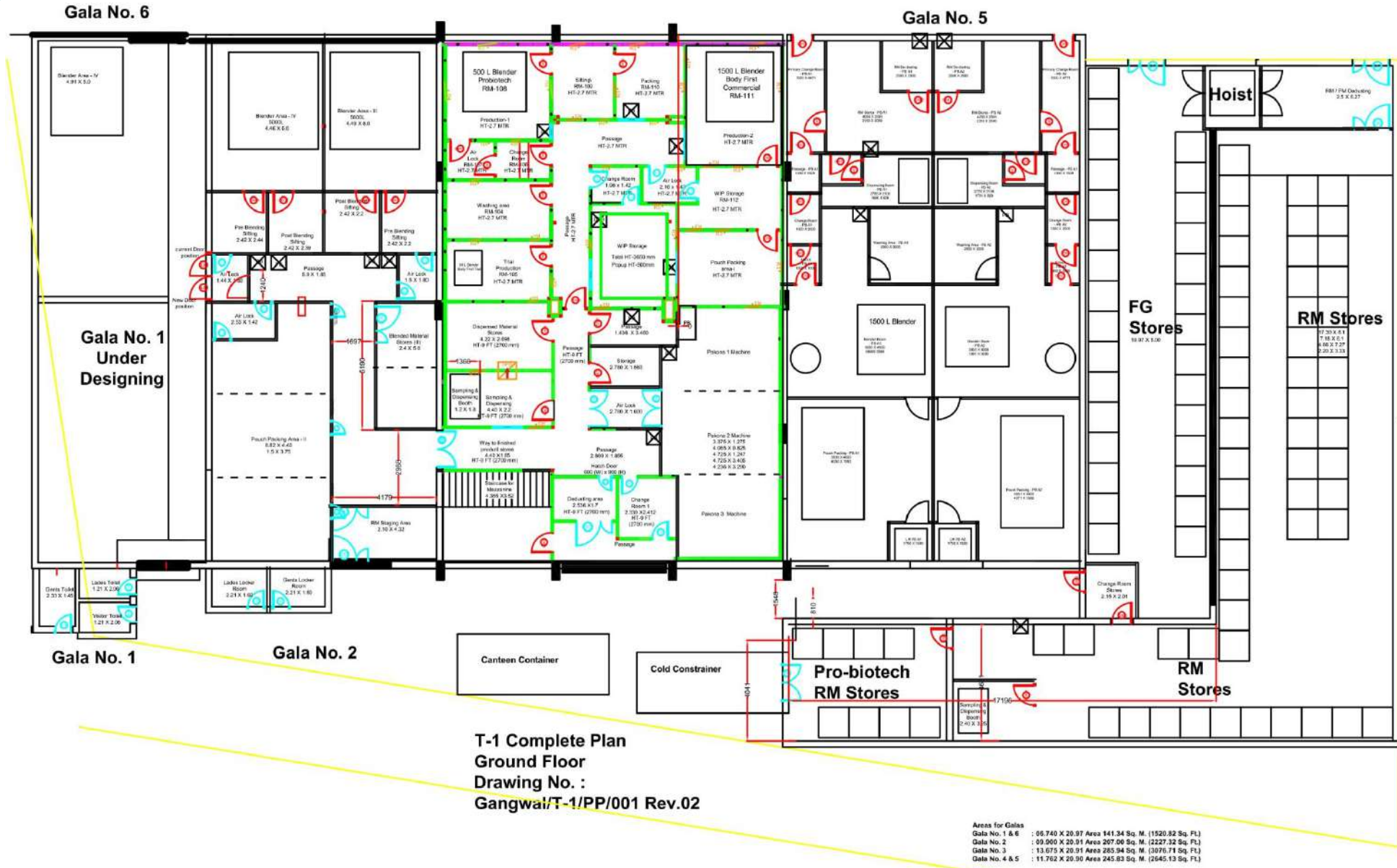
Octagonal Blenders with capacity of 1500 ltrs, 500 ltrs and 50 ltrs

Packaging Capacity

- Wraptech Single Head Machine - 25,000 sachets per day (34 sachets per min)
- Two Pakona Double Head Machine - 1,40,000 sachets per day (200 sachets per min)
- Arms Packaging Single Head Machine - sachets per day (sachets per min)
- Daily production capacity - 1,65,000 sachets per day



PRODUCTION UNIT T1 Floor Plan





**T7 Manufacturing Unit-
BOISAR, TARAPUR**
*cGMP / WHO / State FDA
Compliant manufacturing
Facility*



**T7 R&D Unit- BOISAR,
TARAPUR**
cGMP / DSIR Accredited

MANUFACTURING UNIT

- ⌘ It has full-fledged support from all relevant sections such as R&D Lab / Quality Control / Quality Assurance / Regulatory / Engineering
- ⌘ Manufacturing following products
DiCOM-DC® - Co-Processed excipient system for direct compression
Gellets-C® / Gellets-P® - Neutral beads

R&D AND APPLICATION LAB

- ⌘ Customized tailor-made formulation using our specialty ingredients for Indian market
- ⌘ Provide a comparative study and prove advantages of our products vis-à-vis other substitute or comparative products available
- ⌘ For specific principals like SEPPIC / Fuji Chemicals / Nippon Gohsei / Hayashibara - we do undertake trials for ready mix film coating, color matching, Oily API Adsorption etc. as per the customer demand



**T7 R&D Unit- BOISAR,
TARAPUR**
cGMP / DSIR Accredited

We plan our activities for designed formulations with respect to

- ⌘ Raw material Planning
- ⌘ Target Physical Parameters
- ⌘ Dissolution Profile Matching
- ⌘ Process Design & Parameters
- ⌘ Check Achieved Parameters
- ⌘ Plan for Stability

Gangwal Chemicals has installed various equipments to carry out trials for Solid Oral Dosage forms

Equipments are provided with Data Generation Software / HMI and PLC

- ⌘ Rapid Mixer Granulator (5 Ltr - 15 Ltr bowl)
- ⌘ Fluid Bed Drier
- ⌘ Vibratory Sifter double deck
- ⌘ Co-Mill
- ⌘ Octagonal Blender (3 Ltr - 15 Ltr)

Various Trials which can be carried out in our Application Lab with Various Specialty Excipients are as follows

- ⌘ Orally dissolving tablets (ODT)
- ⌘ Oily APIs - solid dosage form
- ⌘ Film coated tablets
- ⌘ Moisture barrier film coatings
- ⌘ Oxygen barrier film coatings

For Compression

- ⌘ Single Rotary 10B + 10 D compression machine

For Film Coating

- ⌘ Auto Film Coating Machine (Up to 1 Kg & 1 Kg to 5 Kg coating pan)
- ⌘ Conventional Film Coating System



***N5- Tarapur, Boisar
ISO 9001:2008, Local GMP
Certified, WHO-GMP Certified***

MANUFACTURING UNIT

- ⌘ Production Facility is equipped with 2 GLRs, 5 SSRs, 3 Glass Assembly, 2 Hydroginator, Centrifuges, Dryers, Multimill, Blender etc.
- ⌘ Around 12 KL of equipment trails for different reactions
- ⌘ We are capable of handling all types of critical and hazardous reactions, i.e. Hydrogenation (Gas/NaH), Halogenation, Nitration, Silylation etc.

ANALYTICAL SOLUTIONS

- ⌘ Gangwal Laboratory Analytical Services (GLAS) Established in 2016
- ⌘ The facility is established considering the need of Analytical Solution Provider at Boisar MIDC Area
- ⌘ Having around 2500 sq. ft. of floor area and out of which around 1200 sq. ft. is reserved for future expansion
- ⌘ This will help the surrounding industry to serve their Analytical and Regulatory needs
- ⌘ Facility is setup to meet the Global Standards
- ⌘ All CFR Compliant IT infrastructure to meet Global Regulatory Standards
- ⌘ Highly experienced and trained personnel



NABL, FDA (State FDA) & ISO 9001:2015

ANALYTICAL DIVISION

- ⌘ Equipped with High end sophisticated instruments, i.e. FT-IR, Dissolution, UV-Vis Spectrophotometer, Digital Polarimeter, uHPLC with UV & ELSD Detector, GC- Head Space sampler etc.
- ⌘ 21 CFR Part 11 compliant
- ⌘ Stability Studies
- ⌘ Analytical support

REGULATORY DIVISION

- ⌘ Regulatory Support
- ⌘ DMF/ Dossier
- ⌘ Third Party Audits
- ⌘ And other such related services

CSR INITIATIVE- GANGWAL FOUNDATION

With the mission of 'Making every eligible to enable' Gangwal Chemicals has started 'Gangwal Foundation' the corporate social responsibility (CSR) initiative in 2015. Focusing on highly important areas 'Education-Health Care-Village Adoption-Senior Citizen Wellness-Organ Donation'. Gangwal Foundation is adopting 13 Zilla Parishad School having 700 school kids belonging to the farmers and daily waged of the village **Haloli, Dist- Palghar Maharashtra**. Conducting health care camps for the villagers, supply of medicines at fair prices, conducting awareness seminars on health care, supporting the village with ambulance service are major scope of work under this CSR. Also conducting awareness seminars on Organ Donation, where ever possible. Our objective is to make maximum awareness on 'Organ Donation', much needed system in place to save human life.



GANGWAL FOUNDATION

Making Eligible To Enable

In village adoption, we are providing toilets for all the 13 Padas (Small Villages), renovating of existing Wells, Ponds, also aiming to provide electricity to maximum houses. Generating employment by promoting corporative farming & setting up an APMC (Agricultural Product Marketing Centre) at Haloli. We've set up Haloli Learning Centre to promote learning, showcase the villager's traditional skill sets, medical supports, VTC to improve employability of the growing kids of the village.



GANGWAL FOUNDATION

Making Eligible To Enable



THANK YOU!

Gangwal Chemicals Pvt. Ltd.

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