

# UMANG

*encapsulation solutions*

## Personal Care Division

**100% Customer delight at all touch points**

A close-up photograph of several hands holding white puzzle pieces against a dark background. The puzzle pieces are arranged in a circular pattern, with some pieces being held together and others being held apart, suggesting a process of assembly or problem-solving.

# Our Solutions for your Product

# Our Core Value Core Purpose

## CORE PURPOSE

“To provide customer success by delivering innovative products and technology solutions there by differentiating them from others.”

### CORE VALUE

- We innovate consistently.
- We believe in acquiring knowledge.
- Organization before self.
- We challenge status quo.
- We are authentic and trustworthy.
- We honor our commitment and responsive.

### OUR BRAND PROMISE

- 100% Customer delight in all touch points.

### QUALITY PROMISE

- Reliable product to ensure customers' loyalty.
- Understand customer needs and deliver the demand.
- Customer service team to support excellent service quality beyond the expectations.



# Umang Pharmatech Segments

## Personal Care

- Actifilms
- Beads
  - Sprayspheres
  - Oil Spheres
  - Soft Spheres
  - Surprise Spheres
  - Pearly / Glittery Spheres
- Exfoliators
  - Dissolvable Exfoliators
  - Non-Dissolvable Exfoliators
  - Natural Shell Powder
- Pigments
  - Twinkle Sparkle
  - Lustre Dust

## Engineering

- Pelletization Line
  - Extrusion Spheronization
  - Solid Drug Layering
  - Fluid Bed Coater
- Oral Thin Strip Line
- Laboratory Scale Machines

## Pharmaceutical

- API Pellets
- Non Pareil Seeds
- Nutraceuticals & Herbals Pellets
- Functional food & Sports Nutrition

## Nutraceutical

- API Pellets
- Non Pareil Seeds
- Nutraceuticals & Herbals Pellets
- Functional food & Sports Nutrition

## Veterinary

- Veterinary EC Pellets
- Veterinary Taste Masked Granules
- Veterinary Floating Pellets
- Veterinary IR Mups
- Veterinary IR MDF

# Umang Pharmatech Segments

## Fragrance & Flavour

- Flavour Encapsulated Spheres
- Flavour Encapsulated Water Soluble Film
- Flavour Encapsulated Water Soluble Shapes
- Fragrance Pellets
- Flavour Encapsulated Taste Masked Granules
- Water Soluble Fragrance Granules

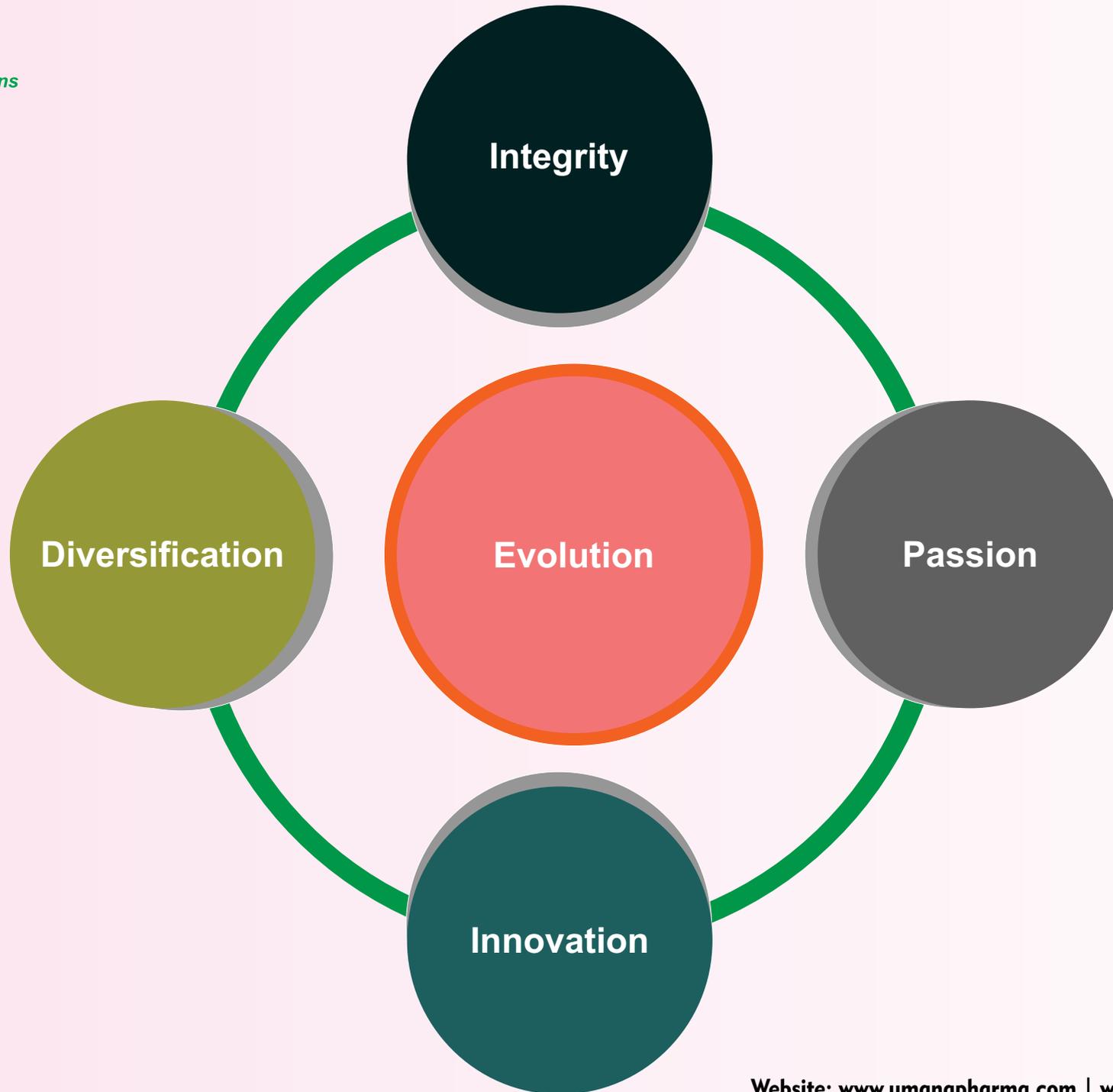
## Functional Food

- Functional Food
- EC Coated Spheres
- MUPS
- Water Soluble Film
- Water Soluble Film Shapes
- Taste Masked Granules
- Floating Pellets

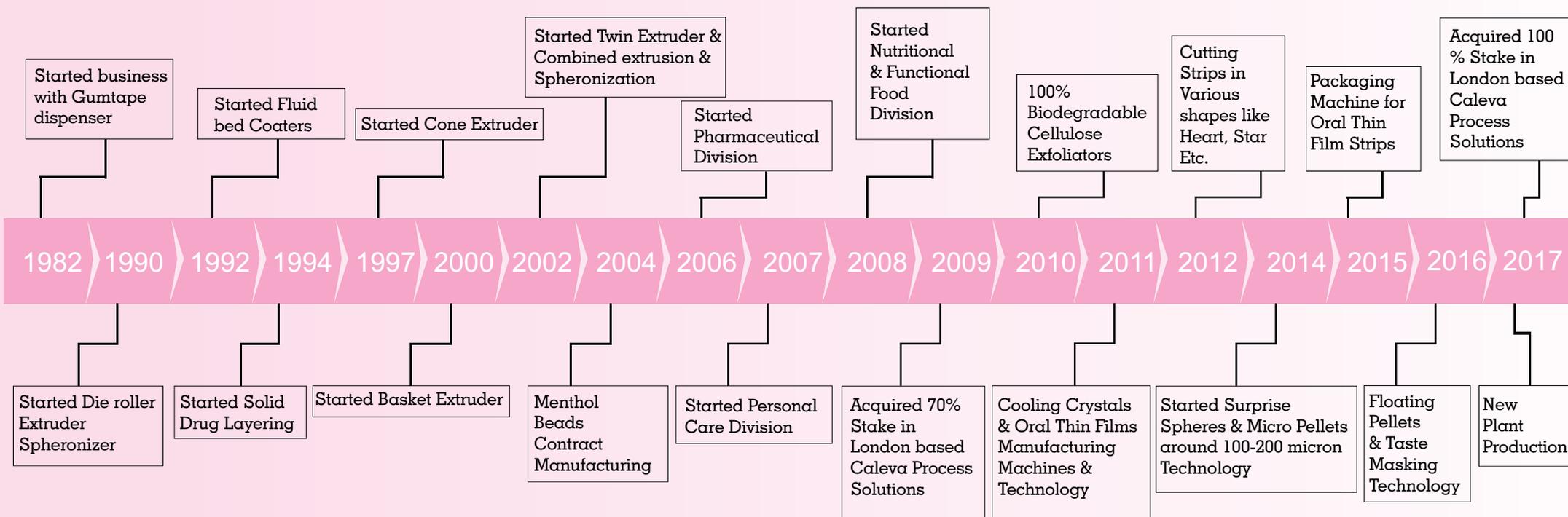
# Infrastructure

- Umang Pharmatech established in the year 1982 is a market leader in pelletization process and oral thin film equipmen.
- We are a global company providing innovative machineries & encapsulation solutions.
- A dedicated & skilled team of over 150 employees working with a visionary leader to provide creative solutions.
- Worldwide representatives & distributors.





# Business Evolution



# Long Term Relationship

## Mr. Rajkumar Budhraja

### Founder & Managing Director

Mr. Rajkumar Budhraja is the managing director & chief executive officer founder of umang group of companies. He is endowed with a brilliant financial acumen master in strategic planning and corporate affairs. Besides umang pharmatech pvt. Ltd. India, he is also a board member of caleva process solutions ltd., uk. He has 35 years of experience in the pharmaceuticals, specialty chemicals, foods and allied process industry sectors.



## Mr. Umang R Budhraja

### COO

Mr. Umang R. Budhraja, chief operating officer, son of Mr. Rajkumar Budhraja, is a man who always sees life in a positive light and believes in confronting challenges head-on. At a young age he has made an indelible imprint in running a corporate conglomerate and can be a fountain of inspiration to any aspiring businessman.

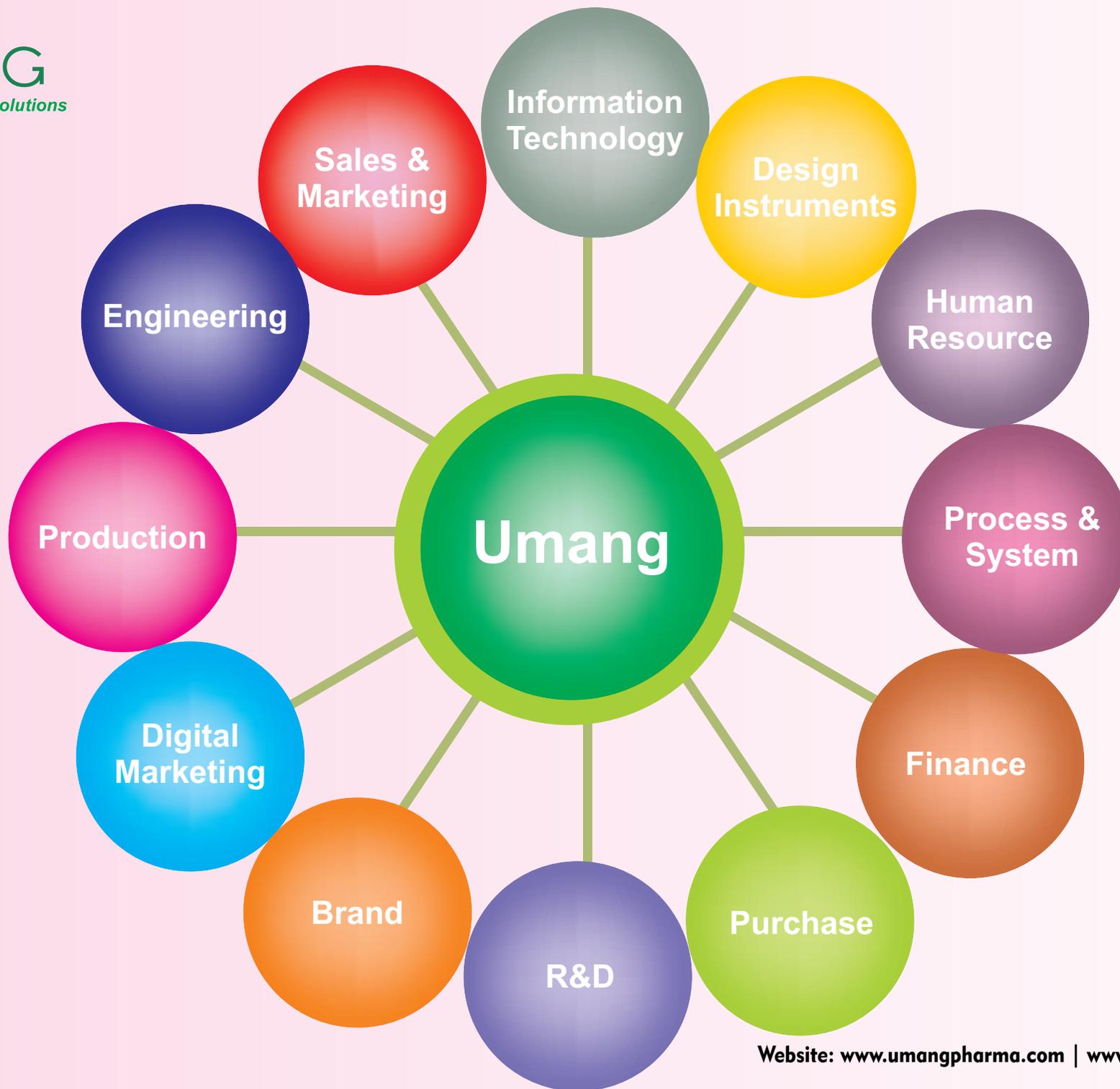


## Ms. Payal R Budhraja

### Project Manager

Ms. Payal R. Budhraja, daughter of Mr. Rajkumar Budhraja graduated with a masters of pharmacy degree with honors from the university of nottingham. She is a registered pharmacist under the general pharmaceutical council in united kingdom. A key member of the growing team, payal is currently heading the research and development department at the company. She is self-motivated and driven to take the business forward and continue to innovate in the field of encapsulation and various new techniques on it.





**Mr. P. P. Varghese**

**Head Engineering Production**

Having a qualification of diploma in mechanical engineering, he is a typical production management professional with over 45 years experience in large, fast-paced, multi-line facilities. Proven track record of achieving sustained improvements in quality, cost and delivery functions.

**Mr. Rohan Rajan**

**Sales Head**

BA (industrial psychology) experience of 21 years in various fields starting from logistics to sales in high end technological research equipment's to start of food segment, expansion of personal care & engineering equipment's.

**Ms. Payal Chhabra**

**Marketing Head**

MBA Graduate having 9 years of hands on experience in designing various social media tools and technologies, with a track record of creating and implementing successful social media programs. Have successfully delivered branding & marketing results for brands like met, brickwork ratings.

**Mr. Sajikumar Varghese**

**Head Systems & Process**

BMS Graduate having over 20 years of experience in various fields like operations, hr, admin, system and process, qms. Establish efficient controls in the organization through compliance and controls by ensuring operational efficiency, controlling risks and ensuring organization to maintain good financial controls and there by the overall improvement of quality of the organization's services.



Our Marketers Your Product & Consumers

**Mrs. Suganya**

**Head Human Resources**

A MBA (hr) graduate having over 6 years of extensive background in hr generalist affairs, including experience in employee recruitment and retention, staff development, mediation, conflict resolution, benefits and compensation, hr records management, hr policies development and legal compliance.

**Mrs. Suja Mathew**

**Head Finance**

M.Com graduate with over 13 years of experience in accounting and finance . Confident, tenacious with a proven track record for first class account handling and client satisfaction. A broad knowledge of a wide range of financial practices, including credit control, budget handling and forecasting. An excellent communicator with a can-do approach to problem solving and resolution. Extremely meticulous with an eye for detail and positive outlook in often complex financial landscapes.

**Mr. Keskar**

**Head QC & Pharma**

M.Sc - chemistry 22 years of rich experience in pharmaceutical industry in qc & qa and managerial skills. In-depth experience in using operation, calibration & maintaining of instruments used in advanced pharmaceutical industry. Have vast experience in carrying out most of the tests & analysis raw material & finished products. Hand on experience in process documentation for gcc & fda.

**Mr. S.M. Subhani**

**Head R&D**

B.Sc - chemistry professional experience of 15 years in pharmaceutical industry as research and development manager. huge experience in technical development of new products (on site and contracted manufacturing ),resolution of technical issues in existing product, experience to develop project scope, budgets, and timelines, and project status reports.

# Our Team Integrity

**Ms. Komal Kamble**

**Head Personal Care**

Post graduate in pharma regulatory affairs with around 6 years of experience in various fields like quality control, quality assurance and production. A passionate and forward thinking individual who never compromises on quality and who always makes this happen. As a true professional she has a great understanding of the production process and always strives to be best in whatever she does.

**Mr. Sourav Moira**

**Head IT**

BCA (bachelor of computer application) 5 years in server administrator, active directory, group policy, dhcp, dns, sonicwall, quick heal consal. Responsible for maintaining the company strategy like designing, implementing and maintenance of enterprise network components, handling sonicwall firewall and data backup.

**Mr. Narottam Patra**

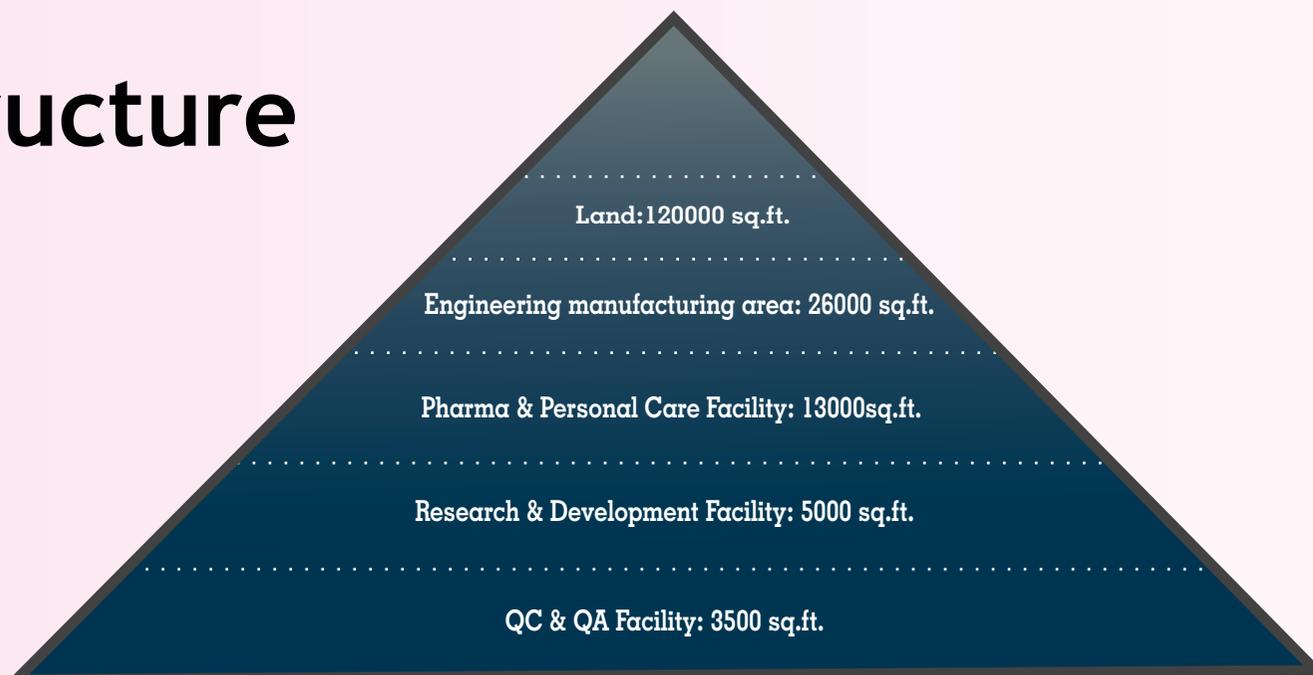
**Head Purchase**

Holding diploma in material management, he is result- oriented, highly productive procurement management professional with a demonstrated ability to significantly reduce procurement costs by standardizing processes, negotiating favorable terms and streamlining supplier channels. Technical skills include word, excel, powerpoint and sap. Exemplary relationship building and problem solving skills that foster vendor trust and dependability.



# Technology

## Infrastructure



<b>Manufacturing Capacities (per annum)</b>	
<b>Product</b>	<b>Capacity in Tons</b>
Pharmaceutical Pellets	200
Neutral pellets	150
Cosmetic Beads	350
Nutraceutical pellets	100

# Personal Care

## Segment

# Personal Care Segment

- Expanded its horizons to personal care in 2007 with the objective to provide quality & customized solutions that add value to our customer's products.
- Umang is a specialist of encapsulation solutions, exfoliating beads, and specialty particles to give various visual effects into formulations.
- Encapsulation of actives, plant extract, oils, colors, pigments, vitamins, fragrances, & flavors.



# Activates Four Senses



**Sight**



**Smell**



**Touch**

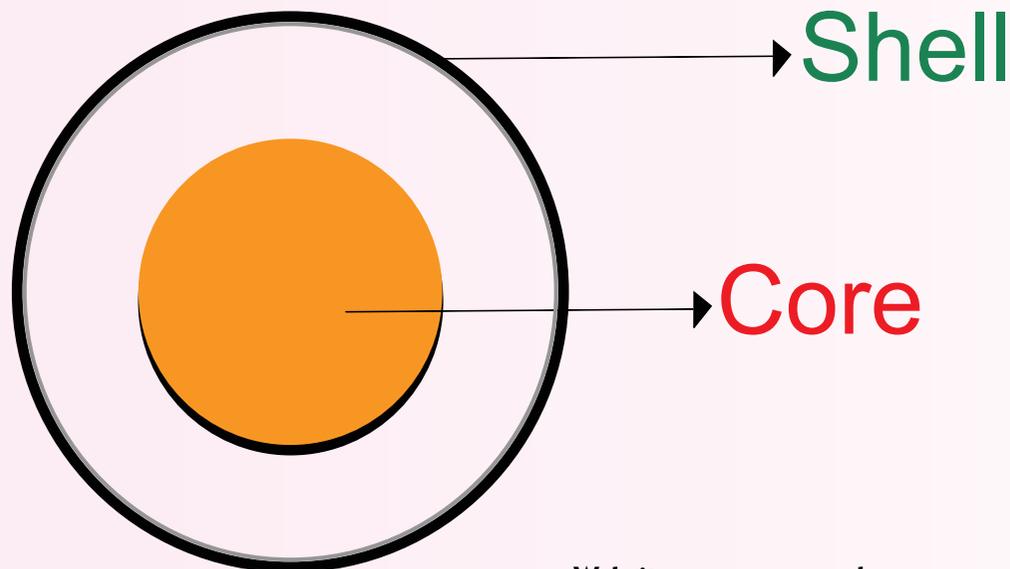


**Taste**

Encapsulation technology essentially deals with the incorporation of commercially available active material into protective system that can deliver the active to specific site.

## Target Delivery

- Skin, hair and mucosal surfaces are useful targets for the delivery of active compounds.
- The core is covered by solid shell which is used to deliver, protect stabilize or control the release of the core/active





# Oil Encapsulation

## Protective shell

- Usually selected from a list of materials “generally regarded as safe” (GRAS) to meet the needs of the application as well as regulatory demands e.g.. Biodegradability
- USP Grade
- Suitable for personal care use

Shell

## Core

Ingredients encapsulated include **colors, fragrances, flavors, vitamins & oils** etc.

Core





# Flavour Encapsulation

## Target Delivery

Skin, hair and mucosal surfaces are useful targets for the delivery of active compounds.

### SKIN CARE



### HAIR CARE



## Level of Incorporated active

Will depend upon the nature of the active ingredients being encapsulated

Oil Encapsulated as high as 20%

Aqueous based ingredients as high as 50%



# Active Encapsulation

## Reasons to employ an encapsulation:

- Superior handling of active material (e.g. conversion of liquid active agent into a powder).
- Improved stability in final products during processing (e.g. less evaporation of volatile active).
- Creation of visible effects.
- Adjustable properties of active components (particle size, structure, oil or water soluble color).
- Off taste masking.
- Controlled release.



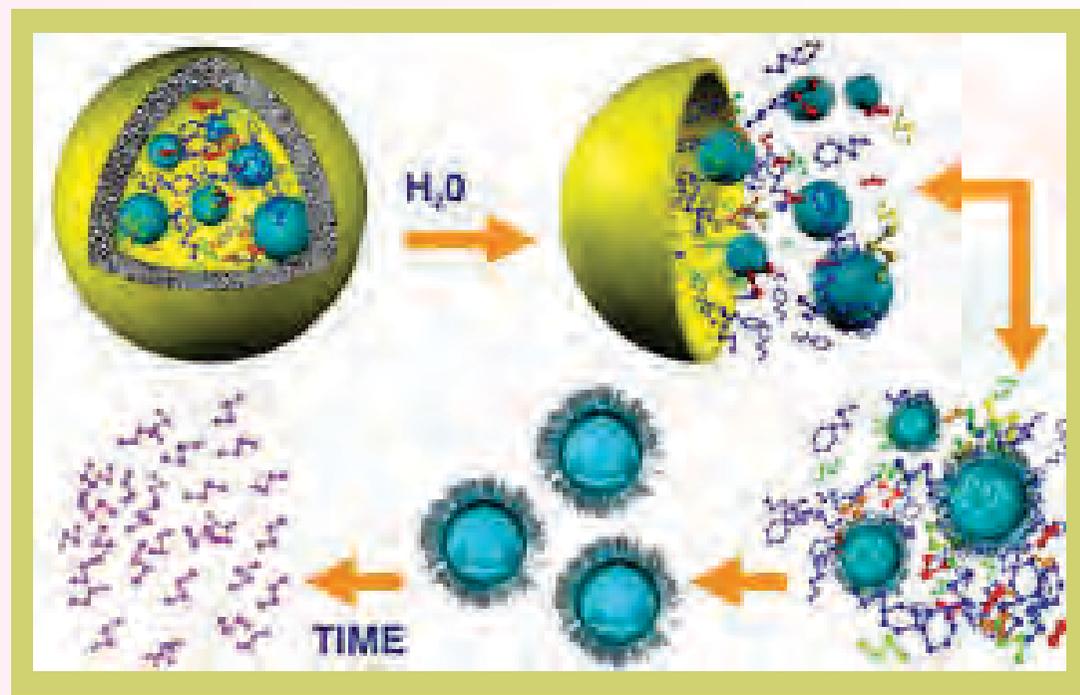


# Experts Matching Your Formulation

## Types of Encapsulated Beads

**Pressure release / burst release / water penetration control system.**

- This is design as water as the main agent controlling the release of the active.
- In this system active molecules cannot physically diffuse out the device without water molecule diffusing in
- This is usually achieved by incorporating actives in hydrophilic polymer that is stiff when dry but swells when placed in aqueous environment.



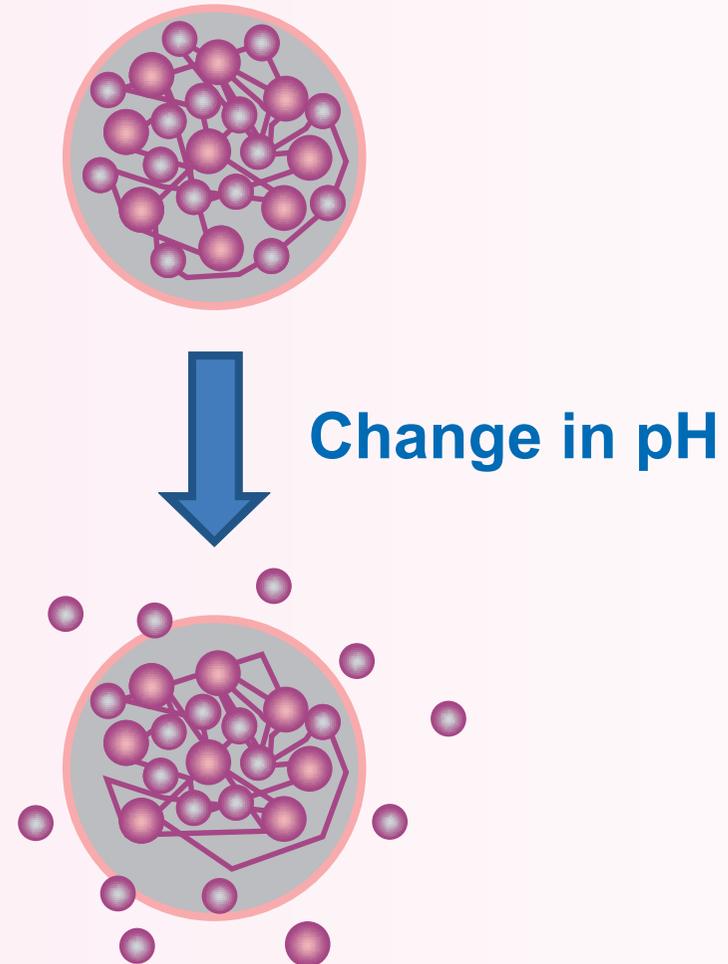


Our Heritage is Pellets

## Types of Encapsulated Beads

### pH Responsive Beads.

- In this technique beads are coated with ionic pH sensitive polymers having as main feature that they release protons in response to pH change.
- Having a structure acid or basic groups that can accept or release protons in response to pH change in surrounding environment.



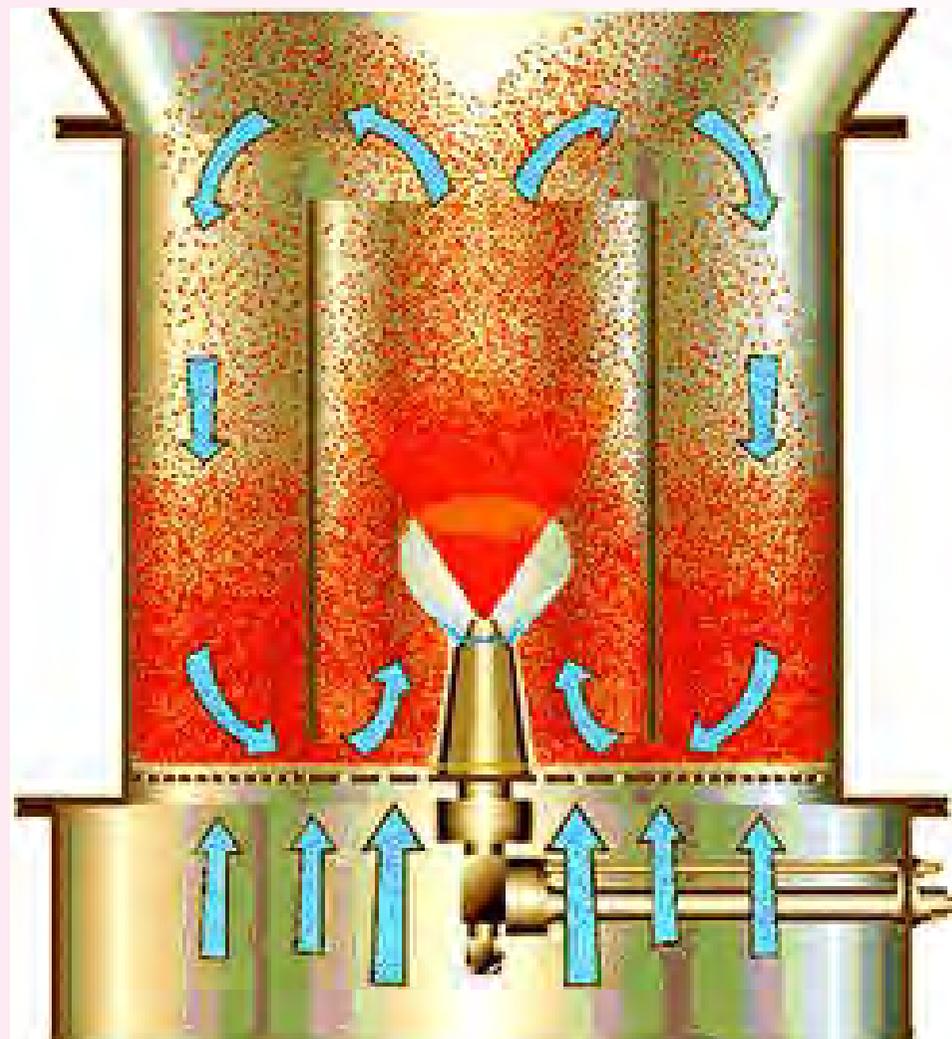


# Color Encapsulation

## Types of Encapsulated Beads

### Color in color Beads.

- These beads gives color changing effect on rubbing.
- Color in color beads is a simple concept wherein the core is of one color and the out shell can be of different color.
- The process consists essentially of spraying a color solution fluid on to particles of substrate material undergoing encapsulation.
- This is achieved by fluid bed coating.

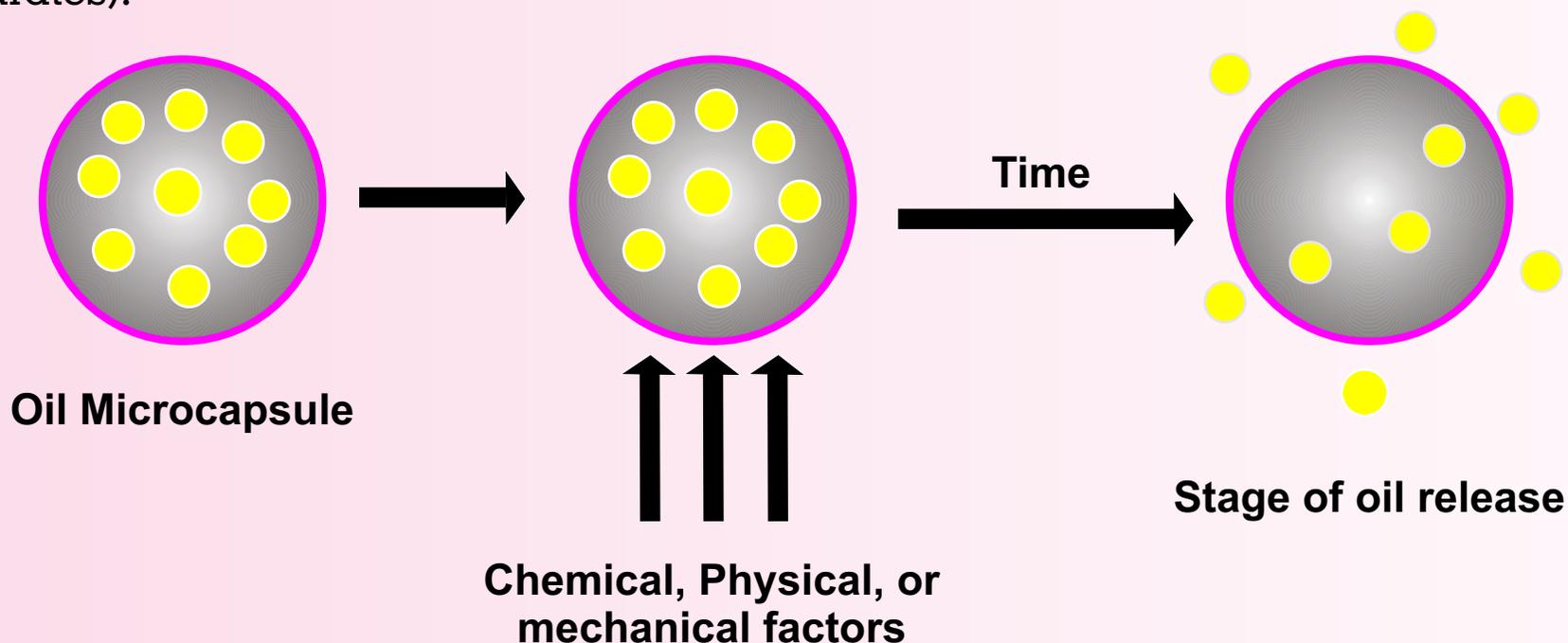


# Alginate Spheres

## Types of Encapsulated Beads

### Oil encapsulation.

- The encapsulation method provided beads where oil droplets were well dispersed and protected.
- The wall material used commonly includes synthetic polymer and natural biomaterials (usually carbohydrates).





# Fragrance Encapsulation



## Types of Encapsulated Beads

### Flavor and Fragrance Encapsulation

- Encapsulation of flavor and fragrance in dedicated shell.
- It can limit the degradation or loss of the flavor during the various product process and storage.
- The shell can also provide the functional properties such as control release of aromatic molecules in given environment.





# Water Soluble Films



## Film Casting

- Films are hydrophilic and temperature sensitive in nature.
- It dissolve upon contact with wet surface such as tongue within few seconds.
- We can encapsulate oil and color in various attractive shapes.



**YOUR BRAND**



**MICRO PELLETS**



**FILMS**



**PATCHES**



**OUR TECHNOLOGY**



**HOTMELT**



**GRANULES**



**OUR INNOVATION**



**PELLETS**



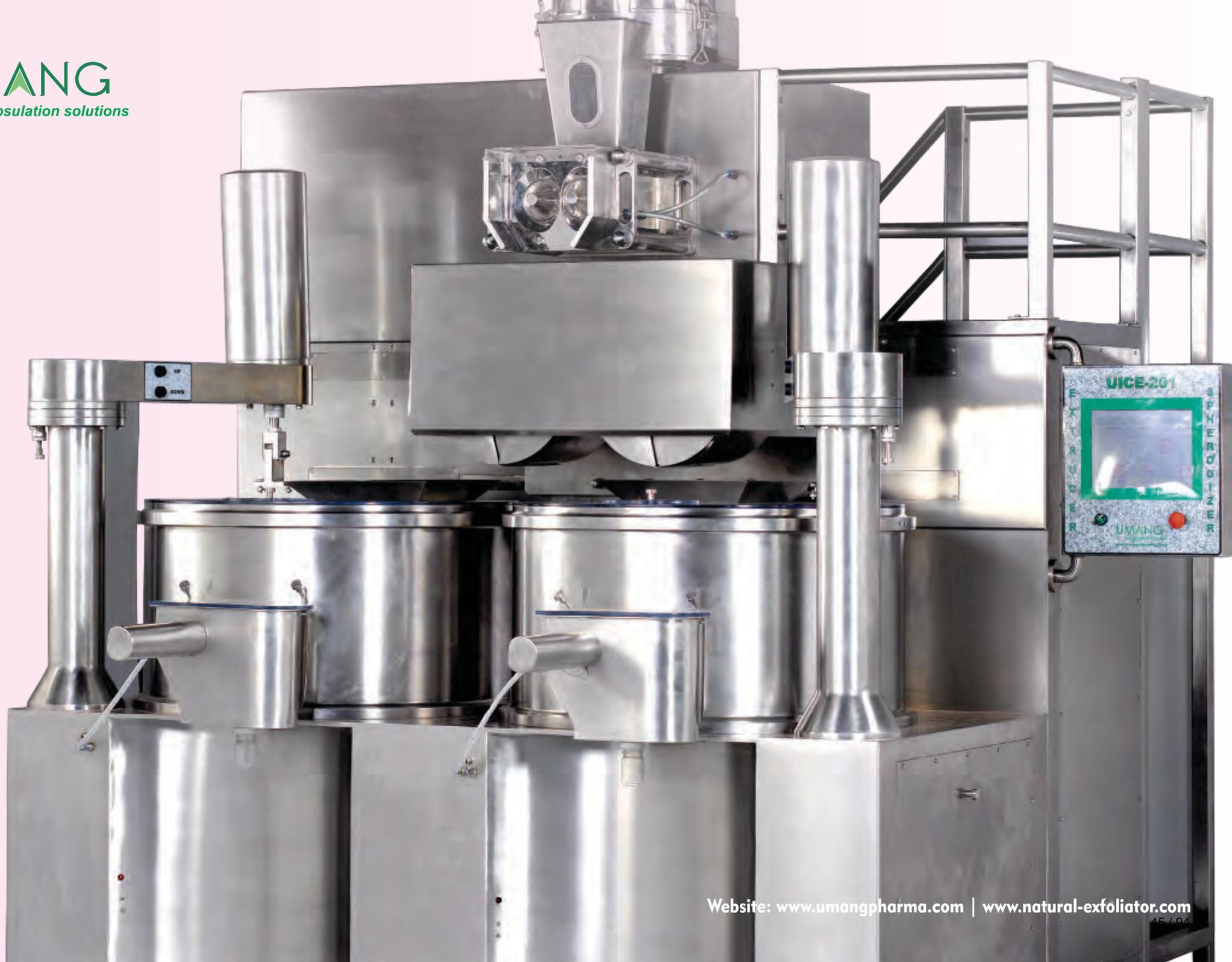
**YOUR PRODUCT**

## Extrusion



## Drug Layering





## Fluid Bed Multiprocessor



## Integrated Extruder Spheronizer



# Products

## Beads

- Sprayspheres
- Oil Spheres
- Soft Spheres
- Surprise Spheres
- Pearly / Glittery Spheres

## Exfoliators

- Dissolvable Exfoliators
- Non-Dissolvable Exfoliators
- Natural Shell Powder

## Pigments

- Twinkle Sparkle
- Lustre Dust

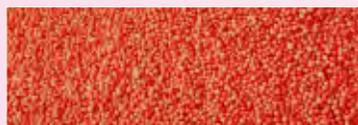
## Films

- Actifilms

- SPRAYSPHERE-SC
- SPRAYSPHERE-SM
- SPRAYSPHERE-SH
- OIL SPHERES-SO
- SOFT SPHERES-SA
- SURPRISE SPHERES-SS
- PEARLY / GLITTERY SPHERES
- DISSOLVABLE EXFOLIATORS
- NON-DISSOLVABLE EXFOLIATORS
- NATURAL SHELL POWDER
- TWINKLE SPARKLE-EG
- LUSTRE DUST-LD
- ACTIFILMS-AF

# Product Range





SC-RE-VE-1203-VS



SC-PI-VE-1602-S



SC-OR-1504-VS



SC-BK-1752-S



SC-P-GR-3024-M



SC-YE-MIO-1305-S-SAK



SC-YE-MIO-1305-S-SAK



SC-PI-VE-1604-M



SC-WH-1007-M



SC-GR-VE-1407-S



SC-GR-VE-1407-S



SC-GR-VE-1407-S



SC-YE-VC-1312-M



SC-GR-VE-1403-M-ERM



SC-BL-LEO-1108-S



SC-WH-VC-1001-S



SC-RE-1208-M



SC-MIX-VE-2501-S



SC-YE-TRORO-1302-VS



SC-PI-LEO-1609-S



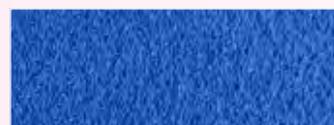
SC-BL-VE-1101-S



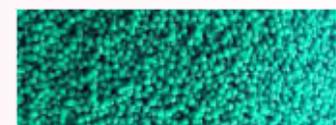
SC-GO-1804-S



SC-GR-VE-1415-M



SC-BL-VE-1103-S



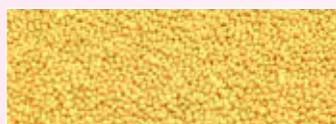
SC-GR-LEO-1413-S



SC-P-GO-3103-M



SC-BL-1108-S



SC-GO-1803-M

\*Actual samples may vary slightly in color to that shown in the images above.

## SPRAYSPHERES<sup>®</sup> - SC

**INGREDIENTS:** Lactose, Microcrystalline Cellulose, HPMC, Color (1-3%)

### Brief Description and Main Properties

Spray Spheres are used as macroscopic carrier beads for cosmetic care products with a visualization effect. When rubbed onto skin, hair or on teeth during brushing, they break easily, releasing the active contents. This product is part of the standard lactose-based series. Can be used in water-based personal care formulation to provide visual effects, and delivery cosmetic actives for example: vitamin, marine, plant extract, fragrance, flavors etc.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Partially Soluble in water.	1% to 2%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soaps.</li> <li>• Emulsions.</li> <li>• Gels.</li> <li>• Lotions.</li> <li>• Creams.</li> <li>• Toothpaste.</li> </ul>

### Features

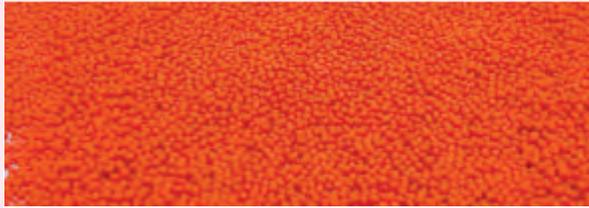
- Only approved synthetic & natural colors used.
- Encapsulation 0-50% depending on actives.
- Easily applied into formulation.
- Both hydrophobic and hydrophilic cosmetic actives can be incorporated.
- Hard and solid in bulk (easy to process and delivery).

### Advantage

- Inclusion of actives & extract with enhancement visual benefits.
- Nourishes skin & hair.
- Disappears on gentle rubbing without leaving any residue on skin & hair upon application.
- It can be utilized as delivery system for encapsulation incompatible actives into same formulation.

### Benefits

- Available in various colors.
- Customizable as per Pantone shade card minimum(30kg).
- Customized options for encapsulation.
- Very less usage level up to - 2% depending on particle size.
- 3-8pH stable except blue color(5-7pH).
- Composition has GRAs status.
- Biodegradable dry spherical beads.
- Beads are hard when dry but soften in contact with at least 20% of water.
- Flexible pack size & packaging available.



**SM-OR-4084-S**



**SM-P-PI-3061-M**



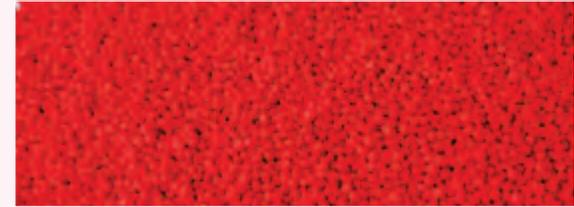
**SM-BL-4023-S**



**SM-YE-4184-M-REV**



**SM-SI-4321-VS**



**SM-RE-4042-VS**



**SM-PU-4161-M**



**SM-BR-WL-4011-VVS**

\*Actual samples may vary slightly in color to that shown in the images above.

## SPRAYSPHERES<sup>®</sup> - SM

**INGREDIENTS: Cellulose, Mannitol, HPMC, Color (1-3%)**

### Brief Description and Main Properties

Spray Spheres are used as macroscopic carrier beads for Vitamin E cosmetic care products with a visualization effect. When rubbed onto skin, hair or on teeth during brushing, they break easily, releasing the active contents. This product is part of the standard mannitol based series. Can be used in water-based personal care formulation to provide visual effects, and delivery cosmetic actives for example: vitamin, marine water, glitter, plant extract, fragrance, flavors etc.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Partially Soluble in water	1% to 2%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soaps.</li> <li>• Emulsions.</li> <li>• Gels.</li> <li>• Lotions.</li> <li>• Creams.</li> </ul>

### Features

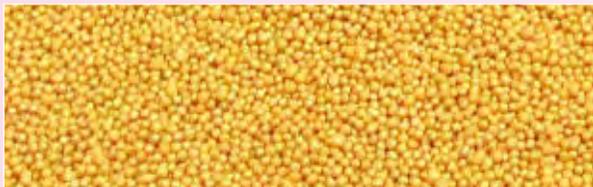
- Only approved synthetic & natural colors used.
- Encapsulation 0-50% depending on actives.
- Easily applied into formulation.
- Both hydrophobic and hydrophilic cosmetic actives can be incorporated.
- Alternative to Lactose based formulation.

### Advantage

- Substitute for lactose can be used in products which are particularly made for end user allergic to lactose.
- Inclusion of actives & extract with enhancement visual benefits.
- Nourishes skin & hair.
- Disappears on gentle rubbing without leaving any residue on skin & hair upon application.
- It can be utilized as delivery system for encapsulation incompatible actives into same formulation.

### Benefits

- Available in various colors.
- Customizable as per Pantone shade card minimum(30kg).
- Customized options for encapsulation.
- Very less usage level up to - 2% depending on particle size.
- Encapsulation 0-50% depending on actives.
- 3-8pH stable except blue color(5-7pH).
- Composition has GRAs status.
- Biodegradable dry spherical beads.
- Beads are hard when dry but soften in contact with at least 20% of water.
- Flexible pack size & packaging available.



**SH-GO-7001-S**



**SH-GR-5001-S**



**SH-G-RE-1285-S**



**SH-OR-3001-VVS**



**SH-P-BL-3001-L**



**SH-RE-1001-L**



**SH-PI-2001-VS**



**SH-PI-4001-VVS**



**SH-YE-6001-M**

\*Actual samples may vary slightly in color to that shown in the images above.

## SPRAYSPHERES<sup>®</sup> - SH

**INGREDIENTS: Lactose, Cellulose, HPMC, Color (10-50%)**

### Brief Description and Main Properties

Spray Spheres are used as macroscopic carrier beads for cosmetic care products with a visualization effect. When rubbed onto skin, hair or on teeth during brushing, they break easily, releasing the active contents. This product is part of the standard lactose-based series. Can be used in water-based personal care formulation to provide visual effects, and delivery cosmetic actives for example: vitamin, plant extract, fragrance, Flavors etc.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Insoluble in water & cosmetic carriers	1% to 2%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soaps.</li> <li>• Emulsions.</li> <li>• Gels.</li> <li>• Lotions.</li> <li>• Creams.</li> <li>• Toothpaste.</li> </ul>

### Features

- Only approved synthetic & natural colors used.
- Encapsulation 0-50% depending on actives.
- Easily applied into formulation.
- Both hydrophobic and hydrophilic cosmetic actives can be incorporated.
- Hard and solid in bulk (easy to process and delivery).
- Intense color shade as compared to Spray sphere SC

### Advantage

- Inclusion of actives & extract with enhancement visual benefits.
- Nourishes skin & hair.
- Disappears on gentle rubbing without leaving any residue on skin & hair upon application.
- It can be utilized as delivery system for encapsulation incompatible actives into same formulation.
- Nourishes Skin & Hair & Safe to Use on Skin & Hair.
- Aligns with your products utility & Helps in achieving the ideal end user product experience.
- As intense color shade gives deeper visual effects.

### Benefits

- Available in various colors. Customizable as per Pantone shade card minimum(30kg).
- Very less usage level up to - 2% depending on particle size.
- Encapsulation 0-50% depending on actives.
- 3-8pH stable except blue color(5-7pH). Composition has GRAs status.
- Biodegradable dry spherical beads. Beads are hard when dry but soften in contact with at least 20% of water.
- Flexible pack size & packaging available.



## OIL SPHERES - SO

**INGREDIENTS:** Agar, Carrageenan, Glycerin, Preservative, Color.

### Brief Description and Main Properties

Oil Spheres (SO) which incorporates with agar, carrageenan as actives. They are easily broken down without any residues. Oil spheres series have soft sheen like real pearls to bring radiance, nutrition, and beauty onto the skin like never before.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Insoluble in oils and all other common cosmetic vehicles	1% to 17%	3 Years	Actives, Fragrance, Vitamins, Oils.	Oil based formulations.

### Features

- Fine encapsulates delivering active ingredients, fragrance and/or oils for home and personal care products.
- Based on a unique manufacturing process that creates spherical beads with encapsulated fragrance, oil or active in the core.
- Different Oil extracts as per requirement.

### Advantage

- Agar- agar is natural polysaccharide extracted from algae, able to form aqueous gels by natural cross- linking. Active ingredients can thus be trapped in beads of this material.
- Nourishes Skin & Hair
- Safe to use on skin & hair
- Helps in achieving the ideal end user Product experience
- Encapsulates actives
- Aligns with your products utility.

### Benefits

- Easy to handle at the industrial scale
- Customized encapsulation to match the product utility
- The outer shell ensures that the encapsulated active remains pure until application.
- Biodegradable
- Technical support available from R&D to Production
- Packaging available as per specification provided.
- Regulatory Support for needed registration



**SA-P-BK-7001-L**



**SA-P-GO-5001-M**



**SA-P-GR-1001-S**



**SA-P-RE-8001-L**



**SA-P-WH-4001-M**



**SA-P-OR-8001-L**



**SA-P-YE-6001-M**

\*Actual samples may vary slightly in color to that shown in the images above.

## SOFT SPHERES - SA

**INGREDIENTS:** Agar, Actives, Preservative, Color.

### Brief Description and Main Properties

Soft Spheres consists of Agar which is a natural polysaccharide, extracted from algae, able to form aqueous gels by natural cross-linking. They are bathed in the free water to keep them fresh and intact, until they are applied in formulations. They are easily broken down without any residues. Soft Spheres series have soft sheen like real pearls to bring radiance, nutrition, and beauty onto the skin like never before.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Insoluble in oils and all other common cosmetic vehicles	1% to 50%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soap.</li> <li>• Bath bombs.</li> <li>• Toothpaste.</li> <li>• Oil based formulations.</li> </ul>

### Features

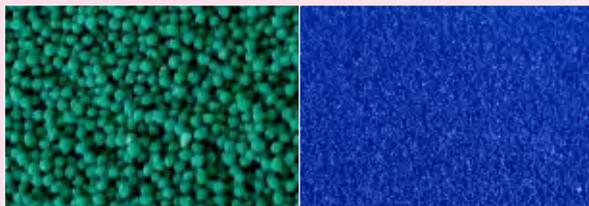
- Different Oil extracts as per requirement.
- Visual carrier systems for home and personal care water-based formulas.
- Based on a unique manufacturing process that creates spherical beads.
- Perfect spherical appearance.
- Hydrophobic cosmetic actives can be incorporated.
- Wet capsules are kept in water.
- Completely and easily rub-out without any residue.

### Advantage

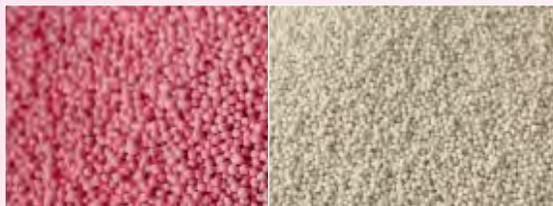
- Soft enough to be crushed on skin without leaving any residues & spread easily on the skin due to their softness.
- Agar- agar is natural polysaccharide extracted from algae, able to form aqueous gels by natural cross- linking.
- Active ingredients can thus be trapped in beads of this material.
- Nourishes Skin with natural oil extracts & Actives.
- Helps in achieving the ideal end user product experience
- Aligns with your products utility.

### Benefits

- It not only enhances the effect of the product but also adds to visuals by color.
- Easy to handle at the industrial scale, Customized encapsulation to match the product utility.
- Packaging available as per specification provided.
- Technical Support Application of beads in Formulation.
- Regulatory Support for needed registration.
- Variety of colors (customer designed).



**SS-GR (BL)-3524-VS**



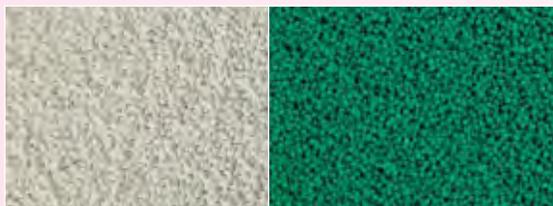
**SS-PI (CR)-3523-VS**



**SS-WH (BK)-3513-VS**



**SS-WH (BL)-3509-VS**



**SS-WH (GR)-3502-VS**



**SS-WH (RE)-3501-M**



**SS-WH (YE)-3503-VS**

\*Actual samples may vary slightly in color to that shown in the images above.

## SURPRISE SPHERES - SS (Color Changing Beads)

**INGREDIENTS:** Lactose, Cellulose, HPMC, PVA, Color (10-50%)

### Brief Description and Main Properties

Surprise Spheres are magic beads especially developed for the use in cosmetic products. Surprise Sphere SS can be used in various products for which a visual color change is required. The intensity of the color change can be adapted by adjusting the concentration of Surprise Spheres used. Surprise Spheres have been specially designed to blend in the cosmetic formulation and change color on application on skin.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Virtually partially soluble in water, insoluble in oils and all other common cosmetic vehicles	1% to 2%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soaps.</li> <li>• Emulsions.</li> <li>• Gels.</li> <li>• Lotions.</li> <li>• Creams.</li> </ul>

### Features

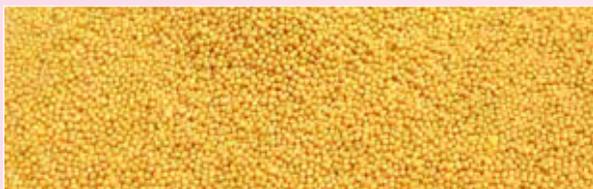
- Only approved synthetic & natural colors used.
- Color changing beads outer layer and inner layer have different colors
- Encapsulation 0-50% depending on actives.
- Easily applied into formulation.
- Both hydrophobic and hydrophilic cosmetic actives can be incorporated.
- Hard and solid in bulk (easy to process and delivery).

### Advantage

- Inclusion of actives & extract with enhancement visual benefits.
- Nourishes skin & hair.
- Disappears on gentle rubbing without leaving any residue on skin & hair upon application.
- It can be utilized as delivery system for encapsulation incompatible actives into same formulation.
- Adds surprise visual effect as it changes color.

### Benefits

- Changes Color on gentle rubbing. Available in various colors.
- Customizable as per Pantone shade card minimum(30kg). Customized options for encapsulation.
- Very less usage level up to - 2% depending on particle size.
- Encapsulation 0-50% depending on actives.
- 3-8pH stable except blue color(5-7pH).
- Composition has GRAs status.
- Biodegradable dry spherical beads.
- Beads are hard when dry but soften in contact with at least 20% of water.
- Flexible pack size & packaging available.



**SE-P-YE-4187-VS**



**SE-P-BK-4031-VS**



**SE-P-WH-4000-S**



**SE-P-BL-4023-S**



**SE-P-GR-4062-S**



**SE-P-RE-4042-VS**

\*Actual samples may vary slightly in color to that shown in the images above.

## PEARLY / GLITTERY SPHERES

**INGREDIENTS:** Lactose, Microcrystalline Cellulose, HPMC, Color (1-3%)

### Brief Description and Main Properties

These special series of SpraySpheres is made for the Personal Care Products which require exceptional shining effect. Pearly / Glittery Spheres are used as macroscopic carrier beads for cosmetic care products with a visualization effect. When rubbed onto skin, hair or on teeth during brushing, they break easily, releasing the active contents. This product is part of the standard lactose-based series. Can be used in water-based personal care formulation to provide visual effects, and delivery cosmetic actives for example: vitamin, marine, plant extract, fragrance, flavors etc.

Solubility	Dosage	Shelf Life	Encapsulation	Application
Partially Soluble in water.	1% to 2%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soaps.</li> <li>• Emulsions.</li> <li>• Gels.</li> <li>• Lotions.</li> <li>• Creams.</li> <li>• Toothpaste.</li> </ul>

### Features

- Only approved synthetic & natural colors used.
- Encapsulation 0-50% depending on actives.
- Easily applied into formulation.
- Both hydrophobic and hydrophilic cosmetic actives can be incorporated.
- Hard and solid in bulk (easy to process and delivery).

### Advantage

- Inclusion of actives & extract with enhancement visual benefits.
- Nourishes skin & hair.
- Disappears on gentle rubbing without leaving any residue on skin & hair upon application.
- It can be utilized as delivery system for encapsulation incompatible actives into same formulation.

### Benefits

- Available in various colors.
- Customizable as per Pantone shade card minimum(30kg).
- Customized options for encapsulation.
- Very less usage level up to - 2% depending on particle size.
- 3-8pH stable except blue color(5-7pH).
- Composition has GRAs status.
- Biodegradable dry spherical beads.
- Beads are hard when dry but soften in contact with at least 20% of water.
- Flexible pack size & packaging available.

# Environment Friendly



# Dissolvable Exfoliators

## BEADS DISAPPEAR



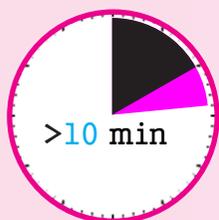
## AFTER RUBBING



## DEPENDING ON



## INTENSITY & PRESSURE



- \* Bio Degradable Exfoliators
- \* Environment Friendly
- \* Available in Various Colors
- \* Natural Product
- \* Customized Cellulose Size
- \* Flexible Pack Size & Packaging Available
- \* Very less usage Level upto - 2 %
- \* Technical Support Application of beads in Formulation
- \* Regulatory Support for needed regulations
- \* Safe to Use on Skin & Hair

## COLORS





**SE-BK-4031-VS**



**SE-BR-BA-4121-VS**



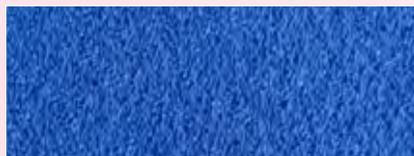
**SE-OR-4086-VS**



**SE-GR-4067-VS**



**SE-YE-4187-VS**



**SE-BL-4023-S**



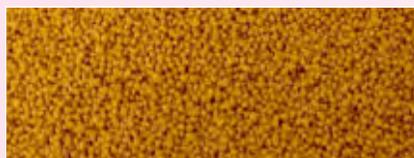
**SE-GR-4061-VS**



**SE-WH-RC-4005-VS**



**SE-RE-4042-VS**



**SE-YE-4187-VS**



**SE-BL-4023-S**



**SE-GO-OAT-4123**



**SE-NEEM-4090-VS**



**SE-BR-WL-4011-VVS**

\*Actual samples may vary slightly in color to that shown in the images above.

# NATURAL EXFOLIATO<sup>TM</sup> SPRAYSPHERES<sup>®</sup> - SE

**INGREDIENTS:** Cellulose, Color.

## Brief Description and Main Properties

Natural exfoliation spheres gently exfoliate and deep clean skin while protecting and nourishing it at the same time. Our natural exfoliations naturally restore skin's beauty. Soft but effective abrasive. It is natural, non-toxic, and biodegradable.

### Solubility

Insoluble in water & oils and all other common cosmetic vehicles.

### Dosage

1% to 2%

### Shelf Life

3 Years

### Application

- Face scrub.
- Body scrubs.
- Peeling creams.
- Lotions.
- Soaps.
- Toothpaste.

### Features

- Only approved synthetic & natural colors used.

### Advantage

- Nourishes skin.
- Does not disappear on gentle rub.
- Helps in achieving the ideal end user experience.

### Benefits

- Available in various colors.
- Easy to handle at the industrial Scale.
- Customizable as per pantone shade card minimum(30kg).
- Preservative Free.
- 3-8pH stable except blue color(5-7pH).
- Composition has GRAs status.
- Flexible Pack size & packaging available.
- Technical support for application of beads in formulation.
- Regulatory support for needed registration.



# Natural Shell Powder Exfoliators



**ALMOND  
SHELL POWDER  
(35-80#)**



**COCONUT  
SHELL POWDER  
(35-80#)**



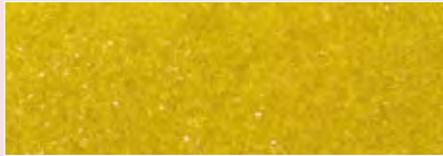
**WALNUT  
SHELL POWDER  
(35-80#)**



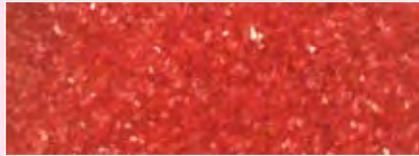
**PEANUT  
SHELL POWDER  
(35-80#)**



**PISTACHIO  
SHELL POWDER  
(35-80#)**



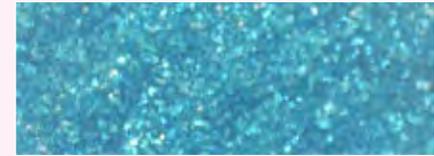
**EG-20**



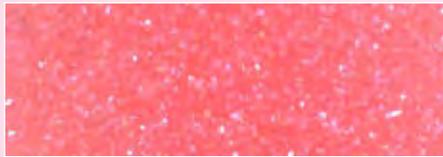
**EG-59**



**EG-15**



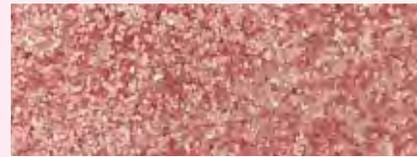
**EG-53**



**EG-55**



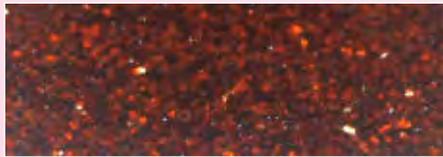
**EG-10**



**EG-54**



**EG-76**



**EG-108**



**EG-84**



**EG-42**



**EG-01**



**EG-71**

\*Actual samples may vary slightly in color to that shown in the images above.

## Twinkle Sparkle™ - EG

**INGREDIENTS:** Gum Arabic, Potassium Aluminum Silicate, Potassium Sorbate, Color.

### Brief Description and Main Properties

Twinkle Sparkle are innovative line of Acacia based formulation that delivers energetic colors and effects, value and advances functionality without the risk of heavy metal. It has unique features that offer application and marketing benefits to manufacturers and formulators. It provides exciting visual impact, dynamic color release, novel delivery method and controlled fragrance delivery

<b>Solubility</b> Soluble in water.	<b>Dosage</b> 1% to 5%	<b>Shelf Life</b> 3 Years	<b>Encapsulation</b> Actives, Fragrance, Vitamins, Oils.	<b>Application</b> • Soap • Bath bombs • Oil based formulations
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### Features

- Only approved synthetic & natural colors used.
- Fine texture having sparkling effect.
- Visual carrier systems for home & personal care. formulations with a powder & oil based formulation.
- Technology is based on a unique manufacturing. process that forms thin films.

### Advantage

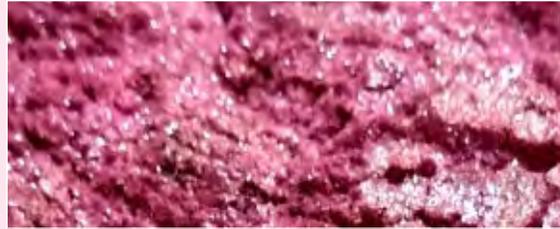
- Aligns with your products utility.
- Helps in achieving the ideal end user product experience.
- Adds creative unique factor to your product.
- Safe to use on skin & hair.
- Rich color to match all skin tones.
- Bright, shiny & colorful
- Makes your product attractive.
- Gives sparkling effect.
- Dissolves in contact with water.

### Benefits

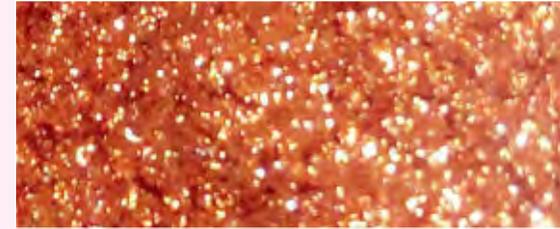
- Easy to handle at the industrial scale.
- Larger particle size to give special visuals to your product.
- Available in different colors.
- Customized size.
- Flexible pack size & packaging quantity.
- Technical support application of beads in formulation.
- Regulatory Support for needed registration.



**LD-BL-12648**



**LD-NPI-8101**



**LD-GO-8164**



**LD-PU-8121**



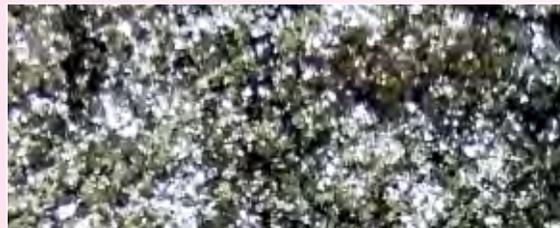
**LD-YE-3101**



**LD-GO-8162**



**LD-GR-12646**



**LD-MSM-8261**

\*Actual samples may vary slightly in color to that shown in the images above.

## Lustre Dust - LD

**INGREDIENTS:** Synthetic Fluorphlogopite, Color.

### Brief Description and Main Properties

Umang Lustre dust comes with wide range of pigments they are primarily used in personal care products & cosmetics. Surface treatment of pigments is used to improve performance in a variety of cosmetic formulations. Surface coatings improve skin feel by smoothing the rough pigment surfaces and reducing oil absorption.

<b>Solubility</b>	<b>Dosage</b>	<b>Shelf Life</b>	<b>Encapsulation</b>
Insoluble in water.	up to 15%	3 Years	Actives, Fragrance, Vitamins, Oils.

### Features

- Visual carrier systems for home & personal care Formulation with a powder, oil, and water base.
- Technology is based on unique manufacturing process dust in various colors.
- Creates visual & shining effects to your personal care products.

### Advantage

- Pigments do not only provide skin enrichment effect, but also color to cosmetic products. Pigment concentrations differ per product from a liquid soap to foundation.
- Rich color goes well with all skin tones.
- Gives visual effect to your product.
- Safe to use on skin & hair.
- Helps in achieving the ideal end user experience.
- Enhances the product effectiveness & end user product experience.
- Large particle size 300-700µ and larger.

### Benefits

- Formulation guideline support and is easy to formulate.
- Stable multi-layer structure.
- Better color clearness.
- Available in different colors / types.
- Customized color & actives to match your product Utility.
- Technical support application of Luster Dust in formulation.
- Regulatory support for needed registration.
- Flexible pack size & packaging quantity.
- Customized colors possible as per pantone shade card.

### Application

Solutions For Reference

Item No.	Usage	Proportion(%)
1	Lipsticks, Lip Gloss	5-10
2	Eye shadows	10-40
3	Blusher, CC cream, Foundation	2-10
4	Blusher Rouge	2-10
5	Makeup Powders	5-10
6	Eyebrow Pencils, Eye shadow Pen	2-15
7	Vanishing Cream, Face Cold Cream	2-5
8	Nail Polish, Nail UV/LED Polish Gel	2-20
9	Hair Spray, Shampoo, Perfume	0.1-10
10	Body Lotions & Body Cream	1-5
11	Soap	1-5



**AF-HE-SI-4031**



**AF-PM-PI-4016**



**AF-CN-RE-4221**



**AF-CTR-GO-4102**



**AF-ST-GR-4062**



**AF-FI-BL-4057**



**AF-SQ-WH-4501**



**AF-MM-GO-4013**



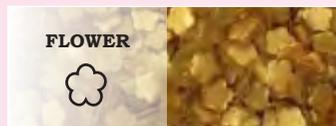
**AF-CTR-PI-4121**



**AF-RO-GO-4004**



**AF-SM-WH-4048**



**AF-FW-GO-4005**



**AF-CR-GR-4068**



**AF-TR-BL-4056**



**AF-ST-MX-4072**



**AF-BE-GO-4105**



**AF-M-HE-BL-4055**



**AF-CR-PI-4020**



**AF-CR-GO-4101**



**AF-RO-RE-4024**



**AF-PM-RE-4028**



**AF-HE-PI-4011**



**AF-FI-GO-4009**



**AF-TR-SI-4035**



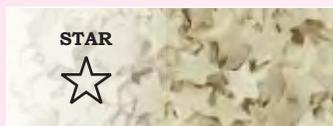
**AF-SM-GO-4010**



**AF-TR-GO-4008**



**AF-M-HE-RE-4027**



**AF-ST-WH-4042**

\*Actual samples may vary slightly in color to that shown in the images above.

## Actifilms™ - AF

**INGREDIENTS: HPMC, Sodium CMC, Color.**

### Brief Description and Main Properties

These little Actifilms magically disappear upon rubbing: delivered dry, they have the amazing properties to soften in the formula making them more malleable and ready to disintegrate when pressure is applied. These exclusive shapes made for the personal care industry, are stable in many types of cosmetic and personal care products.

<b>Solubility</b>	<b>Dosage</b>	<b>Shelf Life</b>	<b>Encapsulation</b>	<b>Application</b>
Soluble in water.	0.1% to 0.3%	3 Years	Actives, Fragrance, Vitamins, Oils.	<ul style="list-style-type: none"> <li>• Soap.</li> <li>• Bath bombs.</li> <li>• Toothpaste.</li> <li>• Oil based formulations.</li> </ul>

### Features

- Only approved synthetic & natural colors used.
- Activates four product senses you can see, smell, taste & touch it and disappears on rubbing.
- Visual carrier systems for home and personal care oil-based formulas in different shapes and sizes.
- Technology is based on a unique manufacturing process that forms thin films.
- Impressive range of customization possibilities such as: loading pigments and adding both hydrophobic and hydrophilic functional ingredients.
- This includes actives, fragrances, vitamins, oils etc.

### Advantage

- Helps in achieving the ideal end user product experience.
- Disappear on gentle rubbing without leaving any residue on teeth / oral case use upon application.
- Adds visual effects to your product to make it attract customers with four attraction senses.
- Nature friendly as soluble in water.
- Encapsulates actives.
- Various customized shapes possible.

### Benefits

- Easy to handle at the industrial scale.
- Enhance your product with actives, colors, fragrance to differentiate product from competitors.
- Customized encapsulation to match the product utility.
- Available in natural flavors.
- Technical support available from R&D to Production.
- Packaging available as per specification provided.
- Flexible pack size & packaging quantity.
- Regulatory support for registration.
- Available in different shapes & color & can be customized to match your product requirement.

## Body Care (Body Wash & Face Wash)

Product Code	Product Description	Active Content
SC-AVO-1001	Sprayspheres-SC beads containing Persea Gratissima (Avocado) Oil	4%
SC-OLV-1001	Sprayspheres-SC beads containing Olea Europaea (Olive) Fruit Oil	5%
SC-TTO-1001	Sprayspheres-SC beads containing Melaleuca Alternifolia (Tea Tree) Leaf Oil	6%
SC-JJO-1001	Sprayspheres-SC beads containing Simmondsia Chinensis (Jojoba) Seed Oil	4%
SC-ALO-1001	Sprayspheres-SC beads containing Prunus Dulcis (Almond) Oil	2%
SC-GSO-1001	Sprayspheres-SC beads containing Vitis vinifera (Grape) Seed Oil	5%
SC-APO-1001	Sprayspheres-SC beads containing Prunus Armeniaca (Apricot) Kernel Oil	4%
SC-ARO-1001	Sprayspheres-SC beads containing Argania Spinosa (Argan) kernel oil	5%
SC-LVO-1001	Sprayspheres-SC beads containing Lavandula Angustifolia (Lavender) Oil	3%
SC-VE-1001	Sprayspheres-SC beads containing Tocopherol	3%
SC-VA-1001	Sprayspheres-SC beads containing Retinyl Palmitate	4%
SE-ACV-1001	Dissolvable exfoliator containing apple cidar vinagar	3%



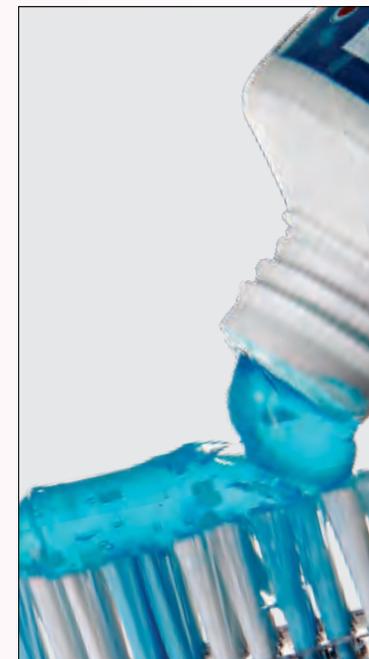
## Hair Care (Shampoo & Conditioner)

Product Code	Product Description	Active Content
SC-ARO-2001	Sprayspheres-SC beads containing Argania Spinosa (Argan) kernel oil	4%
SC-LVO-2001	Sprayspheres-SC beads containing Lavandula Angustifolia (Lavender) Oil	4%
SC-TTO-2001	Sprayspheres-SC beads containing Melaleuca Alternifolia (Tea Tree) Leaf Oil	4%
SC-RMO-2001	Sprayspheres-SC beads containing Rosmarinus Officinalis (Rosemary) Leaf Oil	4%
SC-JJO-2001	Sprayspheres-SC beads containing Simmondsia Chinensis (Jojoba) Seed Oil	4%
SC-OLV-2001	Sprayspheres-SC beads containing Olea Europaea (Olive) Fruit Oil	4%
SC-SMO-2001	Sprayspheres-SC beads containing Sesamum Indicum (Sesame) Seed Oil	4%
SC-SCA-2001	Sprayspheres-SC beads containing Salicylic Acid	3%
SC-KTZ-2001	Sprayspheres-SC beads containing Ketoconazole	50%
SC-ALO-2001	Sprayspheres-SC beads containing Aloe Barbadensis (Aloe) Leaf Extract	5%



## Oral Care (Toothpaste)

Product Code	Product Description	Active Content
SC-TTO-3001	Sprayspheres-SC beads containing Melaleuca Alternifolia (Tea Tree) Leaf Oil	4%
SC-LGO-3001	Sprayspheres-SC beads containing Cymbopogon Schoenanthus (Lemongrass) Oil	2%
SC-CLO-3001	Spray Sphere-SC beads containing Eugenia Caryophyllus (Clove) Flower Oil	50%
SC-PMO-3001	Sprayspheres-SC beads containing Mentha Piperia (Peppermint) Oil	3%
SC-CNO-3001	Sprayspheres-SC beads containing Cinnamomum Zeylanicum (Cinnamon) Leaf Oil	2%
SC-TUO-3001	Sprayspheres-SC beads containing Ocimum Basilicum (Basil) Oil	4%
SC-NEO-3001	Sprayspheres-SC beads containing Melia Azadirachta (Neem) Seed Oil	3%
SC-ME-1303	Sprayspheres-SC beads containing Menthol	2.4%
SC-CRL-3001	Charcoal beads	80%
AF-SQ-WH-6002B	Actifilm containing menthol	5%



# Active Encapsulation

## Hand Care (Hand Wash & Hand Sanitizer)

Product Code	Product Description	Active Content
SC-OLV-1001	Sprayspheres-SC beads containing Olea Europaea (Olive) Fruit Oil	2%
SC-TTO-1001	Sprayspheres-SC beads containing Melaleuca Alternifolia (Tea Tree) Leaf Oil	2%
SC-ALO-1001	Sprayspheres-SC beads containing Prunus Dulcis (Almond) Oil	2%
SC-ARO-1001	Sprayspheres-SC beads containing Argania Spinosa (Argan) kernel oil	2%
SC-VE-1001	Sprayspheres-SC beads containing Tocopherol	3%
SC-VA-1001	Sprayspheres-SC beads containing Retinyl Palmitate	3%
SC-ALO-1001	Sprayspheres-SC beads containing Aloe Barbadensis (Aloe) Leaf Extract	4%



## Skin Care (Cream & Body Lotion)

Product Code	Product Description	Active Content
SC-ALO-1001	Sprayspheres-SC beads containing Prunus Dulcis (Almond) Oil	2%
SC-VE-1001	Sprayspheres-SC beads containing Tocopherol	2%
SC-VA-1001	Sprayspheres-SC beads containing Retinyl Palmitate	2%
SC-GTN-1001	Sprayspheres-SC beads containing Glutathione	5%
SS-PI(CR)-3523-VS	Surprise Spheres Colour changing From Pink to Cream	2%
SS-GR(BL)-3524-VS	Surprise Spheres Colour changing From Green to Blue	2%
SS-WH(BK)-3513-VS	Surprise Spheres Colour changing From White to Black(Activated Charcoal)	50%
SS-OR(YE)-3512-VS	Surprise Spheres Colour changing From orange to Yellow(Lemon Extract)	2%



## Visual Effects for Body Wash

### UPTPC03: BODY WASH SPRAYSPHERES-SC (UPRD/SPL/326) APPLE GREEN SIZE - (16/25#)

SR. NO	INCI NAME	PRODUCT NAME	% WT
<b>Phase A</b>			
1	DISTILLED WATER	DISTILLED WATER	Upto100
2	CARBOPOL 940	BIOPOL 940	0.5
3	SLES	SLES	41
<b>Phase B</b>			
4	NAOH	NAOH	0.1
<b>Phase C</b>			
5	CAPB	CAPB	8
6	DMDM HYDANTOIN	DMDM HYDANTOIN	0.5
7	FRAGRANCE	FRAGRANCE	0.2
<b>Phase D</b>			
8	Lactose Cellulose, HPMC & Color, APPLE GREEN	SPRAYSPHERES-SC (UPRD/SPL/326)	2

#### Characteristics:-

Appearance: Transparent Gel With Spectacular Beads

pH : 6.8

Viscosity : (Brookfield, 20rpm, 25 degree C) 5.000 mPa\*s

Particle Size of Beads: 16/25#

Color of Beads: Red

## Visual Effects for Face Wash

### UPTPC04 FACE WASH SPRAYSPHERES-SS (UPRD/SPL/226) CHARCOAL SIZE - (14/20#)

SR. NO	INCI NAME	PRODUCT NAME	% WT
<b>Phase A</b>			
1	DISTILLED WATER	DISTILLED WATER	Upto100
2	CARBOPOL 940	BIOPOL 940	0.5
3	SLES	SLES	40
<b>Phase B</b>			
4	NAOH	NAOH	0.1
<b>Phase C</b>			
5	CAPB	CAPB	8
6	DMDM HYDANTOIN	DMDM HYDANTOIN	0.5
7	FRAGRANCE	FRAGRANCE	0.2
<b>Phase D</b>			
8	Lactose Cellulose, HPMC, PVA & Color, Charcoal	SPRAYSPHERES-SS (UPRD/SPL/226) CHARCOAL	2

**Characteristics:-**

Appearance: Transparent Gel With Spectacular Beads

pH :6.7

Viscosity : (Brookfield, 20rpm, 25 degree C) 5.000 mPa\*s

Particle Size of Beads: 14/20#

Color of Beads: Red

## Visual Effects for Hand Sanitizer

### UPTPC01: HAND SANITIZER SPRAYSPHERES-SC (UPRD/SPL/389) - ORANGE FLOVOUR SIZE - (14/20#)

SR. NO	INCI NAME	PRODUCT NAME	% WT
<b>Phase A</b>			
1	DISTILLED WATER	DISTILLED WATER	29
2	CARBOPOL 940	BIOPOL 940	0.24
3	GLYCERIN	GLYCERIN	0.7
<b>Phase B</b>			
4	Ethanol	Ethanol	70
<b>Phase C</b>			
5	TRIETHANOLAMINE(TEA)	TRIETHANOLAMINE	0.26
6	FRAGRANCE	FRAGRANCE	0.1
<b>Phase D</b>			
7	Lactose, Cellulose, HPMC & Color.	SPRAYSPHERES-SC (UPRD/SPL/389) - ORANGE FLOVOUR (SIZE-14/20#)	2

**Characteristics:-**

Appearance: Transparent Viscous Gel with Spectacular Beads

pH : 7-7.5

Viscosity : (Brookfield, 20 rpm, 25 degree C) 5.000 mPa\*s

Particle Size of Beads: 14/20#

Color of Beads: Orange

## Visual Effects for Hand Wash

### UPTPC02: HAND WASH SPRAYSPHERES-SC (UPRD/SPL/292) - TULSI OILSIZE-(20/30#)

SR. NO	INCI NAME	PRODUCT NAME	% WT
<b>Phase A</b>			
1	DISTILLED WATER	DISTILLED WATER	Upto100
2	CARBOPOL 940	BIOPOL 940	0.5
3	SLES	SLES	39
<b>Phase B</b>			
4	NAOH	NAOH	0.1
<b>Phase C</b>			
5	CAPB	CAPB	8
6	DMDM HYDANTOIN	DMDM HYDANTOIN	0.5
7	FRAGRANCE	FRAGRANCE	0.2
<b>Phase D</b>			
8	Lactose Cellulose, HPMC & Color TULSI OIL	SPRAYSPHERES-SC (UPRD/SPL/292)- TULSI OIL	2

**Characteristics:-**

Appearance: Transparent

pH : 6.2

Particle Size of Beads: 20/30#

## Visual Effects for Oral Care

### UPTPC06: TOOTH GEL SPRAYSPHERES-SC (UPRD/SPL/391) - NEEM + TULSI OIL SIZE -(30/50#)

SR. NO	INCI NAME	PRODUCT NAME	% WT
<b>Phase A</b>			
1	SILICA	SILICA	20
2	SORBITOLSOLUTION(70%)	SORBITOLSOLUTION(70%)	50
3	GLYCERIN	GLYCERIN	12
4	SODIUM LAURYL SULPHATE	SODIUM LAURYL SULPHATE	1.5
5	SODIUM CARBOXYMETHYL CELLULOSE	SODIUM CARBOXYMETHYL CELLULOSE	1.5
6	SODIUM SACCHARIN	SODIUM SACCHARIN	0.05
<b>Phase B</b>			
1	DISTILLED WATER	DISTILLED WATER	Upto 100
<b>Phase C</b>			
1	FLAVOR & PRESERVATIVE	FLAVOR & PRESERVATIVE	qs
<b>Phase D</b>			
1	Lactose, Cellulose, Hpmc, Color, NEEM & TULSI OIL	SPRAYSPHERES-SC (UPRD/SPL/391)- NEEM + TULSI OIL	2.00

#### Characteristics:-

Appearance: Transparent Gel

pH : 6 - 6.5 Viscosity : (Brookfield, 5rpm, 25 degree C) 110000mPa\*s

Particle Size of Beads: 0.6 - 0.8 mm (very small)

Color of Beads: Light Brown

# Formulation

## Visual Effects for Skin Conditioning Cream

**UPTPC10: SKIN CONDITIONING CREAM SPRAYSPHERES-SC (UPRD/SPL/393) - OLIVE OIL - GREEN SIZE-(14/20#)**

SR. NO	INCI NAME	PRODUCT NAME	% WT
<b>Phase A</b>			
1	DISTILLED WATER	DISTILLED WATER	93.2
2	CARBOPOL 940	BIOPOL 940	0.5
3	GLYCERIN	GLYCERIN	5
<b>Phase B</b>			
4	TRIETHANOLAMINE (TEA)	TRIETHANOLAMINE	0.1
<b>Phase C</b>			
5	SODIUM BENZOATE	SODIUM BENZOATE	0.1
6	FRAGRANCE	FRAGRANCE	0.1
<b>Phase D</b>			
7	Lactose, Cellulose, HPMC, Color, OLIVE OIL - GREEN	SKIN CONDITIONING CREAM SPRAYSPHERES-SC (UPRD/SPL/393)-OLIVEOIL-GREEN	1

**Characteristics:-**

Appearance: Transparent Gel With Spectacular Beads

pH : 6.5

Viscosity : (Brookfield, 20rpm, 25 degree C) 5.000 mPa\*s

Particle Size of Beads: 0.3 - 0.6 mm (very small)

Color of Beads: Red

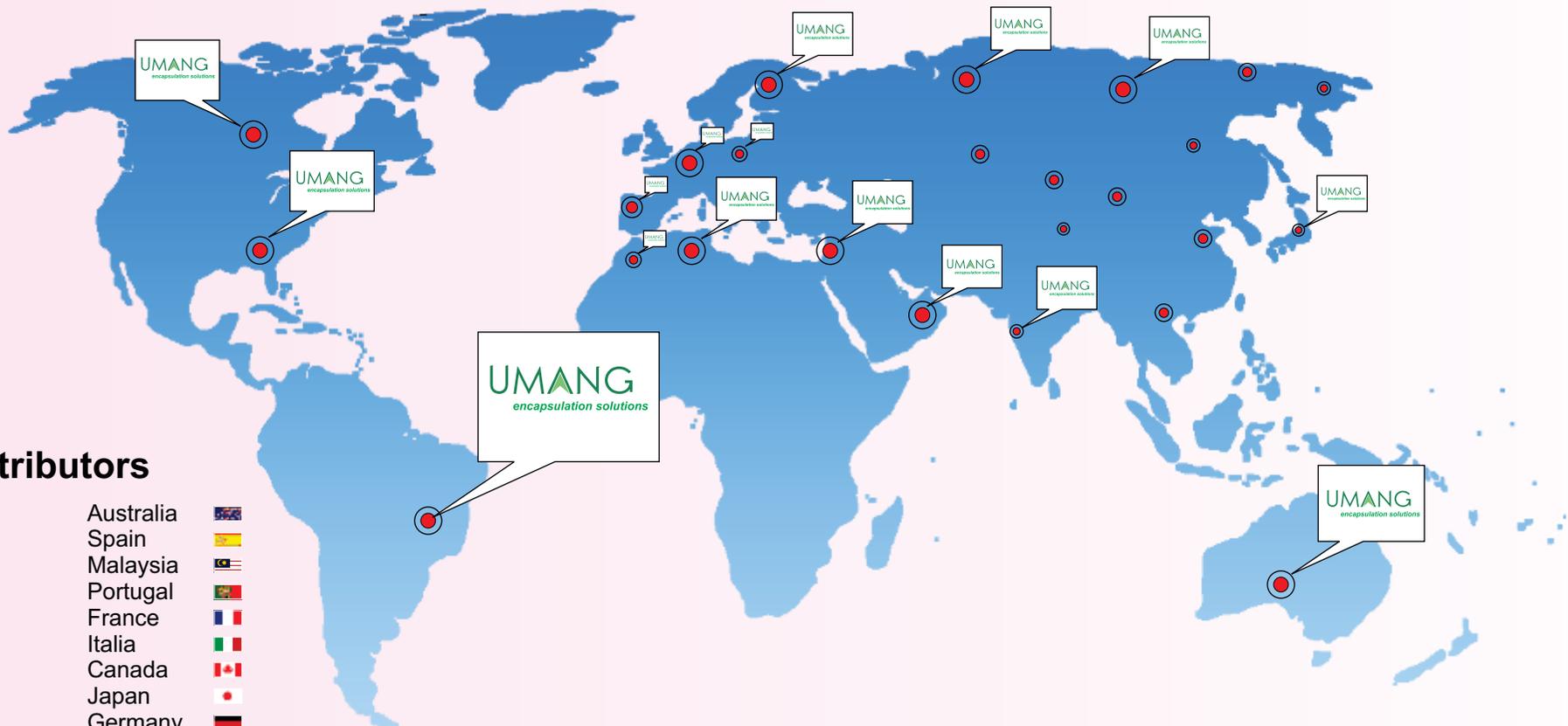
14473



DUZICE ANTIHISTAMIN  
TRANSFORMAT WAFER

780

500 ml Adapter  
500 c Adapter  
500 ml Adapter  
mit Dosierbohrer



## Worldwide Distributors

DKSH	Australia	
DKSH	Spain	
DKSH	Malaysia	
DKSH	Portugal	
DKSH	France	
DKSH	Italia	
DKSH	Canada	
DKSH	Japan	
DKSH	Germany	
Kimberly	USA	
Chemworld	Philippine	
PT Rena Haniem Mulia	Indonesia	
Brenntag	Poland	
Munir Sukhtian Group Company	Amman	
Alfa Sagittarius	Poland	
Pharma Cosm Polli s.r.l., Italy	Italy	
Triple Nine Solution Co., Ltd.,	Thailand	
Baricosmos S.A.	Argentina	
Permcos	Switzerland	

**Biodegradable**

**Non Residual  
Solvents**

**CMR Free**

**Long Term  
Commitment**

**Non Animal  
Testing**

**Non GMO**

- **GMP facility in 100,000 clean room facility.**
- **Stringent micro-biological conditions.**
- **Methods and process can be adapted to customer specifications wherever needed.**
- **Technology is based on a unique manufacturing process that creates spherical beads.**
- **Audits of customers or 3rd party are most welcome.**
- **Since we manufacture our own machines and scale up processes there are no limits on customer supply and support in terms of volumes, we have the equipment's and plant capacity to suit requirements upto 500,000 Kgs. Annually per shift can be multiplied by two in case of double shifts.**



Excellence

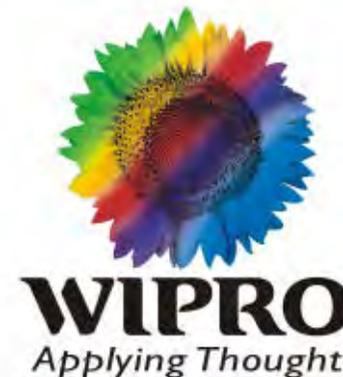
# Certifications



# Brand Associated With Us



**LUSH** FRESH  
HANDMADE  
COSMETICS



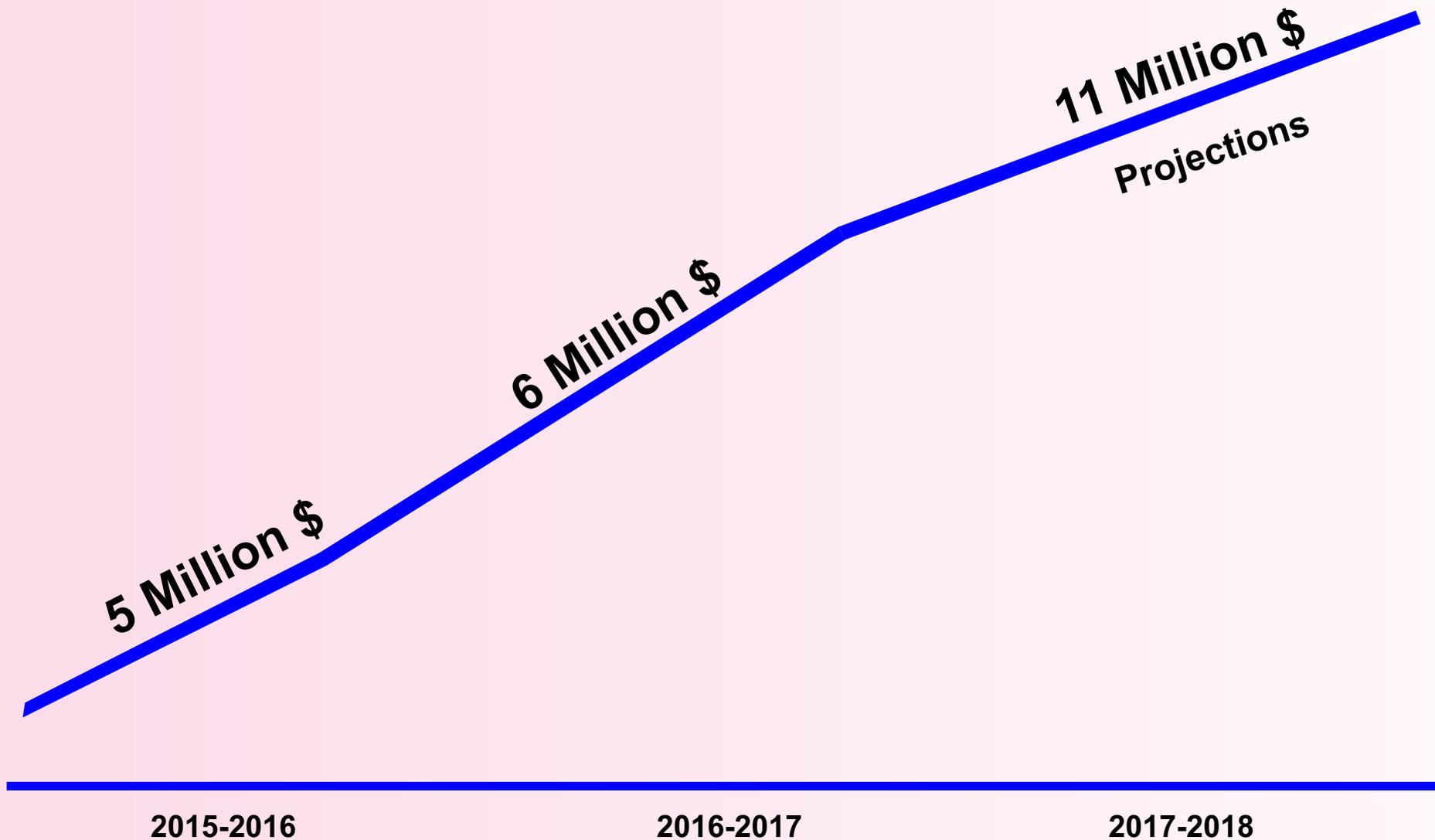
**L'ORÉAL**



# Our Credentials



# Sales Chart of Four Segments



## Office Address

### **UMANG PHARMATECH PVT. LTD.**

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Maharashtra (India).

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Website: [www.umangpharma.com](http://www.umangpharma.com)

[www.natural-exfoliator.com](http://www.natural-exfoliator.com)