



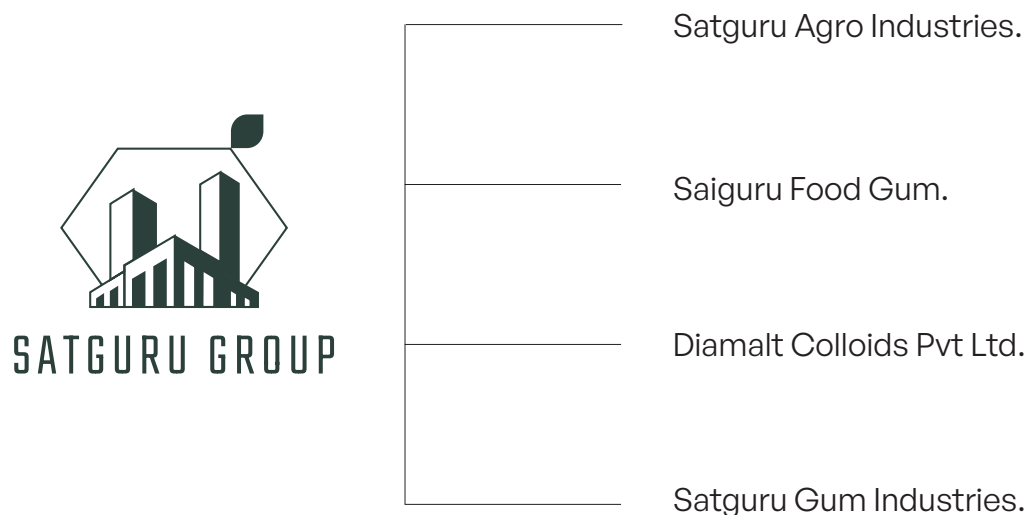
HYDROCOLLOID EXCELLENCE

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ABOUT US:

SATGURU GROUP OF INDUSTRIES: INNOVATING THROUGH NATURE SINCE 1999



Satguru Group of Industries is a dynamic conglomerate of MSMEs based in India, strategically located across three key regions. Our group comprises of four specialized companies where each company is dedicated to the development & manufacturing of high-quality hydrocolloid products. Our roots stretch back to 1979 when our journey began as a manufacturer of carpet and textile printing thickeners. Today, we are a leader in the industrial hydrocolloid space, with proficient manufacturing of chemically modified natural based water soluble polymers which include rheology modifiers and performance hydrocolloids.

At Satguru Group of Industries, we leverage our deep understanding of nature's potency and cutting-edge technology to create solutions that cater to the evolving needs of industries globally. Our hydrocolloids, derived from natural sources, are a step towards a sustainable future, helping industries move away from synthetic polymers.

Over the decades, we have held steadfast in our mission to deliver superior quality, naturally derived products that embody the highest standards of safety and efficiency. Our aim is not only to provide an unparalleled service to our customers but also to contribute to a sustainable and eco-friendly world.

WELCOME TO SATGURU GROUP OF INDUSTRIES, WHERE NATURE MEETS INNOVATION

WHAT SEPERATES US:

Tailored Solutions: We understand that each customer is unique, and so are their needs. At SGI, we work closely with you to develop tailored solutions that meet your specific industry requirements.

Dedicated to Sustainability: We believe in the power of nature and are committed to using it responsibly. Our hydrocolloids are natural, renewable, and sustainable, helping industries to reduce their dependance on synthetic polymers.

Pioneers in Hydrocolloids : With decades of experience and roots tracing back to 1979, we are pioneers in developing & manufacturing of industrial hydrocolloids. Our expertise and innovation are reflected in the quality and diversity of our products.

Certified Excellence: These certifications, granted to us due to our stringent quality control and safety measures, are indicative of our pledge to offer only the best to our clientele.





SUSTAINABLE DEVELOPMENT:

Commitment to Renewable Resources: At Satguru Group of Industries, we prioritize the use of renewable resources across our product lines. The majority of our products are derived from sources that are renewable and managed under strict environmental guidelines.

Driving Industry Change: Satguru Group of Industries is dedicated & committed to ongoing innovation in product and process development to not only meet but set higher standards of sustainability within the industry.

Responsible Sourcing: We engage in sourcing practices that are mindful of environmental impacts, striving to minimize our ecological footprint while maintaining the natural balance of the habitats we utilize. This involves selecting raw materials from areas where their collection is controlled and sustainable.

Supporting Local Communities: By collaborating with local farmers and harvesters, we not only bolster local economies but also promote practices that are environmentally sound and socially responsible. These partnerships are crucial in ensuring the sustainability of both our business and the communities we operate in.

Eco-Friendly Products for a Sustainable Future: Our products are specifically designed to be environmentally friendly, meeting our customers' needs while supporting broader ecological goals. This includes reducing chemical use, minimizing waste, and enhancing process efficiency—efforts that align with our goal to offer sustainable solutions within the industry.

Eco-Friendly Sourcing Practices: Our approach to sourcing is guided by a commitment to environmental sustainability and ethical practices.

APPLICATION AREAS:

01 Food:



Dairy



Confectionery



Jelly



Sauces



Meat



Beer



Pet Food

02 Cosmetics:



Cleansers



Conditioner



Gels



Serums

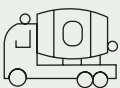


Shampoo

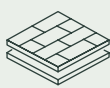


Lotions & Creams

03 Construction:



Mortar



Tile Adhesives



Paints



Concrete

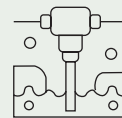


Wall Putty & Gypsum

04 Oil & Gas:



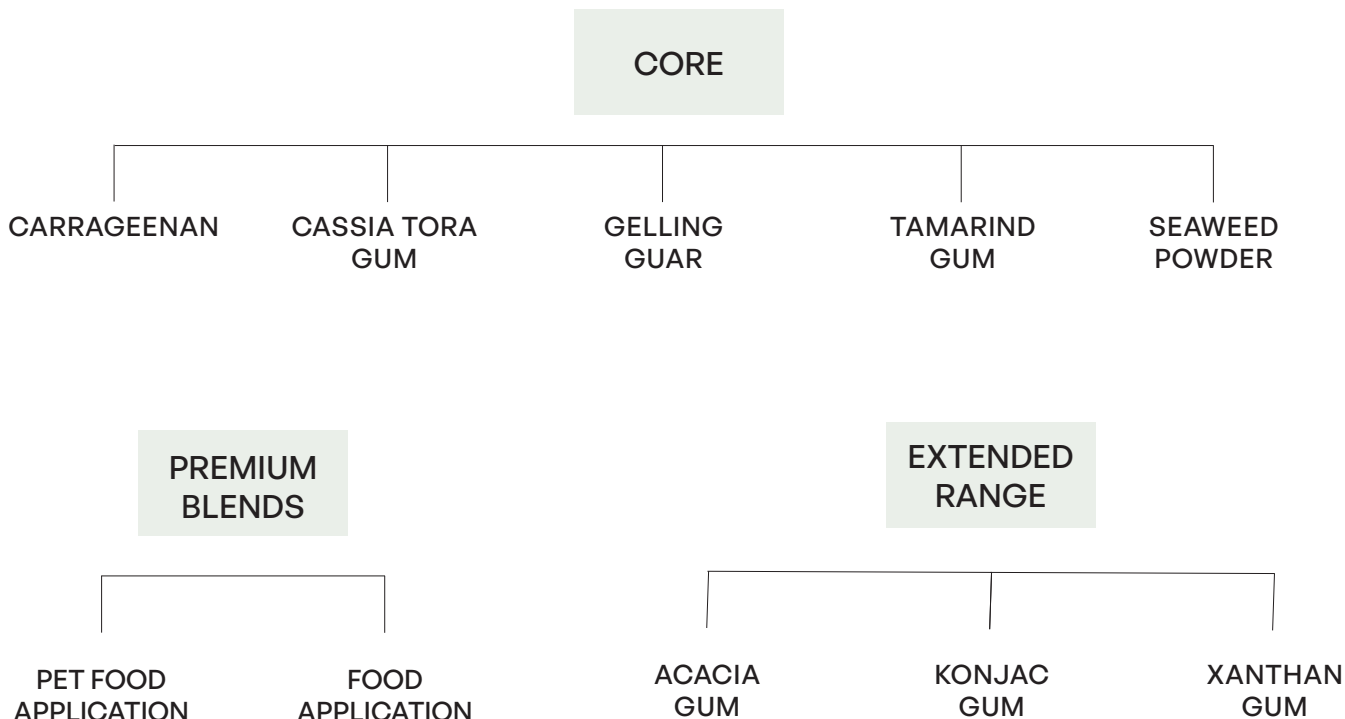
Hydraulic Fracking



Drilling Fluids

SAIGEL RANGE

SaiGel range is Satguru Groups range of hydrocolloids & its blends for the food and pet food industry.



In addition to our core hydrocolloids, we offer reliable supply of Acacia Gum, Konjac Gum, and Xanthan Gum through trusted manufacturing partners. While we do not manufacture these ourselves, our close partnerships ensure consistent quality, supply reliability, and competitive pricing.

With access to these hydrocolloids, we also develop customized compounded blends to meet specific application needs, delivering tailored functional solutions across various industries.



SAIGEL CARRAGEENAN:

Superior Gelling for Diverse Applications:

SaiGel Carrageenan is derived from select seaweed sources along India's coastlines, showcasing unparalleled gelling properties ideal for a wide range of food products. From desserts to dairy and meats, it offers a versatile solution for texture enhancement and structural integrity, ensuring superior quality in every bite.

Enhanced Synergy with Co-Gelling Agents:

Designed to work in harmony with co-gelling agents like LBG, cassia gum, guar gum, and xanthan gum, SaiGel Carrageenan elevates food textures to new heights. This synergistic interaction enhances gel strength and elasticity, allowing for customized textures that cater to the evolving demands of consumers.

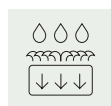
Sustainably Produced in India:

Proudly made in India, SaiGel Carrageenan not only contributes to the global food industry but also promotes the growth of the local seaweed market. Our commitment to sustainability and social responsibility reflects in every product, supporting local communities and protecting marine ecosystems, while delivering a product that meets global standards of excellence.

Product Series:

- Kappa Semi Refined
- Kappa Refined
- Cold Water Kappa Semi Refined
- Iota Semi Refined
- Iota Refined

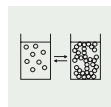
Properties and Advantages:



Moisture
Retention



Stabilisation



Thermal
Reversible
Gelling



Thickening



Retort
Stability

Application Areas:

Meat Products, Dairy Products, Confectionery, Personal Care, Beverages, Pet Food.



SAIGEL

CASSIA TORA GUM:

SaiGel cassia is a refined cassia tora gum formulation derived from the cassia plant. It is a unique hydrocolloid known for its remarkable gelling aid characteristics when paired with other hydrocolloids. It's versatility extends from the Food industry where it is reliable gelling aid to enhance texture and stability to the pet food industry for wet canned food.

Sustainably Sourced from Cassia Seeds:

Cassia is derived from the best cassia seeds, aligning with Satguru Group of Industries' commitment to environmental responsibility. Our dedication to eco-friendly sourcing supports sustainable agricultural practices, allowing our customers to partake in a responsible supply chain that values the planet as much as product quality.

Synergistic Performance:

SaiGel Cassia shows exceptional synergy with carrageenan and xanthan gum to form hard gels. It serves well as a replacement for the more expensive Locust Bean Gum (LBG).

Product Series:

- Cassia Gum Powder
- Cassia Gum Powder Refined

Properties and Advantages:



Freeze
Thaw
Stability



Water
Binding



Synergistic
Gelling



Fat
Replacer



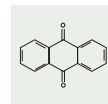
Retort
Stability



Rich
Mouth Feel



Cost
Effective
Substitute



Very Low
Anthraquinone
Value

Application Areas:

Pet Food, Dairy Products, Bakery, Dressings and Sauces, Meat Products.



SAIGEL GELLING GUAR:



SaiGel Guar is a Modified Guar gum formulation engineered to show synergistic gelling properties unlike traditional guar gum. This product when combined with other hydrocolloids like carrageenan, xanthan and etc, will enhance the gel strength and provide a slightly elastic gel texture. It has the potential to replace the more expensive locust bean gum (LBG).

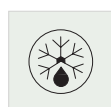
Versatile as a Multi-Functional Additive:

It can serve as a thickener when used standalone and act as a gelling aid with other hydrocolloids improving textures at a very high level.

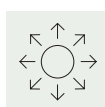
Product Range:

- Modified Guar Gum Powder

Properties and Advantages:



Freeze
Thaw
Stability



Multifunctional



Synergistic
Gelling



Thickening



Retort
Stability



Consistency
Improver



Stabiliser

Application Areas:

Sauces, Dairy Products, Baked Goods, Meat Products, Pet Food and Etc.



SAIGEL

TAMARIND GUM:

Tamarind gum is a natural polysaccharide derived from the endosperm of tamarind seeds (*Tamarindus indica*), a leguminous tree widely cultivated in tropical and subtropical regions. It is commonly used as a thickening, stabilizing, and gelling agent in food, personal care, and industrial applications due to its excellent water-binding properties and ability to enhance texture.

Clean Label Benefits of Tamarind Gum

Tamarind gum is a 100% natural hydrocolloid derived from tamarind seeds, making it an excellent clean-label ingredient for food and personal care applications. It aligns with consumer demand for natural, minimally processed, and plant-based ingredients.

Gelling with Sugar, Alcohol & Polyphenol Solutions

Tamarind gum exhibits unique gelling behavior in high-sugar, alcohol, and polyphenol-rich environments, making it a versatile ingredient in specialized formulations.

It forms elastic gels in high-sugar systems, making it useful in jams, jellies, and confections. In alcoholic beverages, it retains viscosity and a gel-like texture. In polyphenol-rich compounds like green tea, it binds and stabilizes.

Application Highlight in Ice Creams

Tamarind gum exhibits excellent synergy with locust bean gum (LBG) in ice cream formulations, stabilizing ice crystal formation, improving the melting resistance along with shape retention. It also improves overrun at a lower locust bean gum dosage and provides improved mouthfeel & good melt-in-mouth feel.

Product Range:

- Tamarind Gum Powder
- TamX12 - Hot Water Soluble
- TamX12P - Cold Water Soluble

Application Areas:

Frozen Desserts, Dessert Jellies, Sauces & Pastes, Wine Jellies, Tea Jellies, Beverages



SAIGEL SEAWEED POWDER:

SAIGEL Pure Seaweed Powders are 100% natural, unprocessed seaweed powders made from high-quality seaweed without the use of any chemical modifications. Unlike traditional carrageenan, agar, or alginate, which undergo extensive processing with alkalis—leading to significant spent alkali waste—SAIGEL powders retain their natural structure while delivering the same functional benefits at a better cost.

Clean Label Alternative

Companies have been wanting to shift to clean label, unprocessed & natural stabilisers & texturisers in recent times. Saigel seaweed powders are perfect for such formulations, offering all the functional benefits of carrageenan without chemical processing.

Compounded Seaweed Powders

We, at Satguru, can provide compounded stabiliser solutions using our vast access to various hydrocolloids for various food applications creating the perfect clean label solution for you.

Properties and Advantages:



Thickening



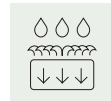
Natural
Origin



Synergistic
Gelling



Water
Binding



Moisture
Retention

Product Range:

- Seaweed Powders
- Pure Cottonii Powder
- Pure Spinosum Powder
- Transparent Gelling Cottonii Powder
- Transparent Gelling Spinosum Powder

Application Areas:

Meat, Dairy, Sauces, Dessert Jellies,
Confectionery, Beverages, Pet food.



EXTENDED SAIGEL RANGE:

ACACIA GUM

A Natural Emulsifier & Stabilizer

Acacia gum, also known as gum arabic, is a naturally derived polysaccharide sourced from the acacia tree. It is widely used for its:

It is widely used for its:

- **Excellent emulsification properties –**
Ideal for stabilizing flavor emulsions, beverage concentrates, and essential oils.
- **Textural enhancement –**
Improves mouthfeel in confectionery, dairy, and nutritional products.
- **Prebiotic benefits –**
Acts as a soluble dietary fiber, promoting gut health and digestion.
- **Film-forming capability –**
Used in coatings for confections and pharmaceutical applications.

Its high solubility, clean-label status, and versatility make it a preferred ingredient in food, pharmaceuticals, and personal care formulations.

Range

- Acacia Gum Seyal
- Acacia Gum Seyal Instant
- Acacia Gum Senegal
- Acacia Gum Senegal Instant

Application Areas:

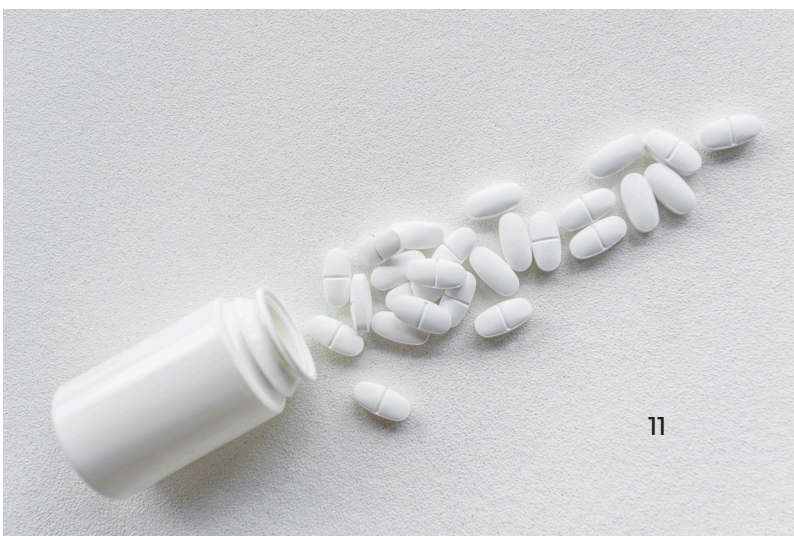
Food, Beverage Emulsions, Confectionery Coatings (glazing & binding agent), Encapsulation of Flavors & Nutrients, Dietary Fiber Source.

Pharmaceutical

Tablet Binding & Coatings, Syrup Stabilization.

Personal Care

Emulsifier in Lotions & Creams Film-Forming in Hair Care – Helps create protective coatings for hair serums & styling products.



EXTENDED SAIGEL RANGE: KONJAC GUM

A Versatile Thickener & Gelling Agent

Konjac gum is a highly effective water-soluble polysaccharide extracted from the konjac plant tuber (*Amorphophallus konjac*).

It is valued for:

- **Strong thickening & gelling properties –**
Forms high-viscosity solutions at low concentrations.
- **Synergy with Carrageenan & Xanthan Gum –**
Creates elastic, heat-stable gels used in plant-based meats and dairy alternatives.
- **Water-holding & fat-replacement abilities –**
Provides a rich, creamy mouthfeel in low-fat and gluten-free applications.
- **Dietary & functional benefits –**
Rich in glucomannan fiber, supporting weight management and digestive health

Konjac gum is widely used in meat substitutes, vegan jellies, dairy-free beverages, and gluten-free baking due to its natural texture-enhancing properties.

Range

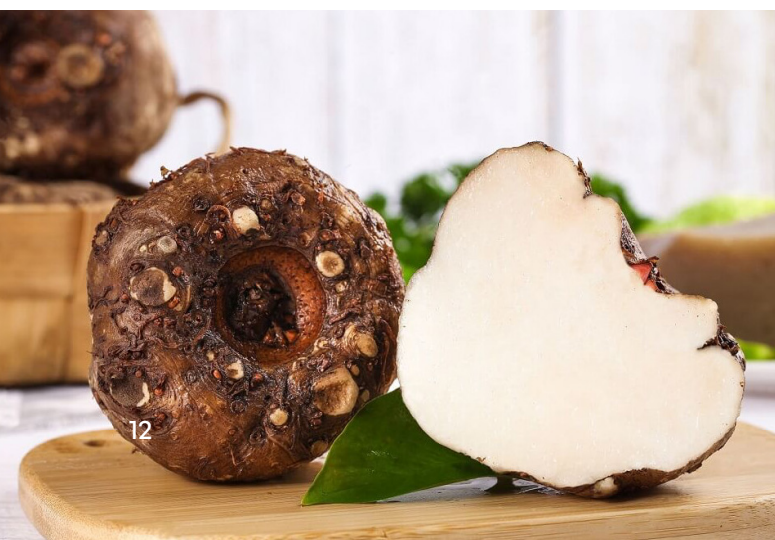
- Konjac Gum
- Konjac Gum Transparent

Application Areas:

Meat & Plant-Based Products, Dairy & Non-Dairy, Applications, Noodles & Pasta, Jellies & Gels, Sauces & Dressings, Dietary Fiber

Other Application Areas:

Capsule fillings, Cosmetics & Skincare



EXTENDED SAIGEL RANGE: XANTHAN GUM

A Powerful Stabilizer for Rheology Control

Xanthan gum is a fermentation-derived polysaccharide known for its exceptional viscosity control and stability in challenging formulations:

- **Superior shear-thinning properties –**
Thickens at rest but flows under shear, making it perfect for sauces, dressings, and beverages
- **High stability across pH, Temperature, and Salt Variations –**
Maintains consistent viscosity in acidic, salty, and freeze-thaw conditions
- **Suspension & Stabilization Capabilities –**
Prevents phase separation in soups, sauces, and dairy-based products
- **Synergistic Interactions –**
Enhances gel strength when combined with other hydrocolloids

Due to its functional versatility and clean-label appeal, xanthan gum is widely used in food, pharmaceuticals, cosmetics, and industrial applications.

Range

- Xanthan Gum
- Xanthan Gum Transparent

Food & Beverage:

Sauces, Dressings & Condiments, Beverage, Stabilization, Gluten-Free Baking, Frozen Desserts & Dairy

Pharmaceutical & Nutraceuticals:

Controlled Release Formulations, Oral Syrups & Suspensions

Industrial & Personal Care:

Oil & Gas Industry, Cosmetics & Skincare , Household & Cleaning Products



SAIGEL PREMIUM BLENDS: PET FOOD APPLICATIONS

SaiGels carrageenan-based blends are specifically engineered for wet canned pet food, offering optimized gel strengths and exceptional retort stability.

These blends ensure that pet food maintains its texture and integrity through the canning and sterilization process, resulting in a high-quality product that provides consistent satisfaction and nutritional value.

Perfect for brands dedicated to delivering superior pet food, our blends enhance the eating experience for pets while ensuring safety and shelf stability.

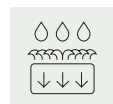
Properties and Advantages:



Freeze
Thaw
Stability



Gel
Performance



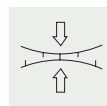
Water
Retention



Thickening &
Emulsifying



Retort
Stability



Elasticity





SAIGEL PREMIUM BLENDS: **FOOD APPLICATIONS**

At SGI, we recognize that some food production challenges cannot be addressed by single ingredients alone. Our carrageenan-based blends are expertly formulated to solve complex problems in the food industry, enhancing product quality where single-agent solutions fall short.

These blends improve texture, stability, and overall product integrity across various food categories, ensuring that manufacturers can meet both consumer expectations and regulatory standards. By combining carrageenan with complementary hydrocolloids, we create solutions that optimize the sensory and functional properties of food products, from dairy and meat to frozen desserts.

CarrX12 Series	Frozen Dessert
CarrX13 Series	Water Based Jelly Systems
CarrX14 Series	Meat
CarrX15 Series	Milk
CarrX16 Series	Beer



RICAT RANGE

Ricat Range is Satguru Group's Range of Natural Hydrocolloids for the Personal Care and Household Industry.

RICAT SERIES

RICAT

Cationic Guars for Hair
and Skin Care

RICAT HP

Hydroxypropyl Guars for
Thickening Solutions in Hair
and Skin Care

RICAT CLEARX

Xanthan Gum Blends for
Clear Thickening Solutions in
Hair and Skin Care

RICAT

Cationic Guars for Hair and Skin Care

Traits:

Shampoos are usually made up of surfactants possessing high detergency and foaming abilities. Whilst they are efficient cleansers, they also cause the hair to lose its lipids making detangling and combing difficult after shampooing. RICAT is a cationic polymer derived from a naturally occurring polygalactomannan is designed to associate with the surfactants in a way that it can hold and efficiently deliver actives onto the hair. This helps in enhancing the conditioning properties of a conventional shampoo/conditioner and deliver better hair comb ability, shine and smoothness to the hair.

Advantages:



Conditioning



Easy
Wash Off



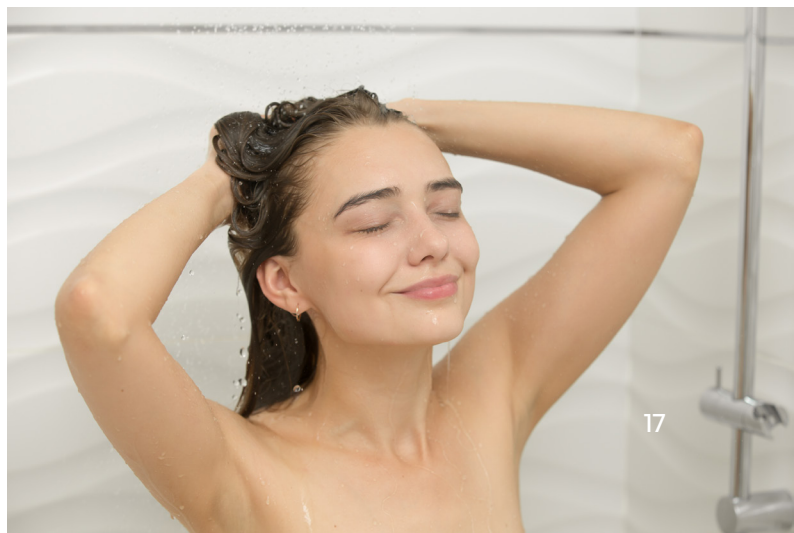
Stability



Compatibility

Why RICAT is the perfect choice as your conditioning polymer?

RICAT shows promising results in terms of conditioning and versatility across various surfactant systems making it the perfect additive for shampoos, conditioners and multi-use shower gels. The RICAT range deals with providing the highest deposition efficiency of actives (Silicones, anti-dandruff agents, etc.) on the hair and enhancing the shine, feel and manageability and damage protection. RICAT is an effective product which competes and outperforms the leading benchmark making it a cost effective import substitute. Choosing RICAT will not only provide you with the results you desire but also will be beneficial from a cost factor to you.



RICAT HP

Natural Thickening Solutions for Personal Care

Advanced Thickening for Hair and Skin Care:

The RICAT HP series are hydroxypropyl guar derivatives specifically formulated to provide exceptional thickening properties for hair care and skin care applications. Whether it is shampoos, conditioners, lotions, or creams, the RICAT HP series delivers consistent, reliable performance.

Unmatched Compatibility and Natural Origin:

Crafted from completely natural and renewable sources, RICAT HP products are not only eco-friendly but also boast compatibility with a wide range of surfactants, active ingredients and work at a vast pH range. This versatility makes them ideal for formulating a diverse array of personal care products, accommodating everything from basic cleansing solutions to complex, treatment-oriented formulations.









Sustainable and Effective:

RICAT HP is more than just an ingredient; it is a commitment to sustainable beauty. By choosing RICAT HP, brands can assure consumers of their dedication to environmental responsibility while providing high-performance, aesthetically pleasing personal care products.

Unique Sensory Benefits:

One of the standout features of the RICAT HP series is its ability to enhance the sensory experience. Products incorporating these hydroxypropyl guar offer a unique glide feel on the skin and impart a soft, luxurious texture. This distinctive characteristic elevates consumer products by improving application feel and overall user satisfaction, setting them apart in the competitive personal care market.

Advantages:

2-12	Wide pH Compatibility		High Alcohol Tolerance
	High Salt Tolerance		Unique Glide Feel
	No Tackiness		Dispersibility
	Natural Origin		Versatility
	Compatibility		



RICAT CLEARX SERIES:

Crystal-Clear Solutions for Enhanced Product Aesthetics

Premium Transparency for Diverse Formulations:

The RICAT ClearX series stands out in the market with its xanthan gum-based blends, specifically engineered for applications demanding high transparency. These innovative blends are perfect for creating clear gels, serums, and other personal care and cosmetic products where clarity is a key aesthetic attribute.

Advanced Formulation Compatibility:

RICAT ClearX excels in formulation versatility. These blends are compatible with a broad spectrum of cosmetic ingredients, including a wide range of surfactants and active agents. This compatibility ensures that RICAT ClearX can be integrated seamlessly into formulations without compromising the clarity and quality of the final product.

Elevate Consumer Experience:

Incorporating RICAT ClearX into your products can significantly enhance the consumer experience by delivering visually stunning, clear, and effective products. The clear and consistent gel structure formed by RICAT ClearX adds a luxurious feel, appealing to consumers seeking high-quality and aesthetically pleasing personal care options.

Superior Performance and Stability:

Developed to meet the stringent demands of the beauty industry, RICAT ClearX provides not only exceptional clarity but also enhances the stability and rheological properties of formulations. Its consistent performance across various pH levels and ingredient interactions makes it a reliable choice for manufacturers looking to innovate without limits.

Advantages:

2-12

Wide pH
Compatibility



Suspension



Natural
Origin



Unique
Glide Feel



Compatibility



High
Transparency





GALMANN FRACTOGEL RANGE:

Galmann FractoGel Range is Satguru Group's range of natural hydrocolloids for the oil & gas industry.

GALMANN FRACTOGEL SERIES

GALMANN FRACTOGEL 20

Hydroxypropyl Guars

GALMANN FROCTOGEL 40

Carboxymethyl
Hydroxypropyl
Guars

GALMANN FRACTOGEL SERIES:

Superior Proppant Suspension and Low Residue:

The Galmann FractoGel series is designed to offer outstanding proppant suspension that maintains the integrity and placement of proppants during hydraulic fracturing. This key feature prevents premature settling and ensures even distribution throughout the fracking fluid. Additionally, Galmann FractoGel is formulated to leave minimal residue after the breaking process, significantly reducing the risk of formation damage and enhancing the flowback of fracturing fluids and regaining the fracture conductivity.

HPHT Performance Under Extreme Conditions:

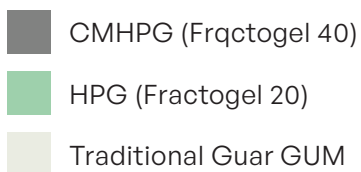
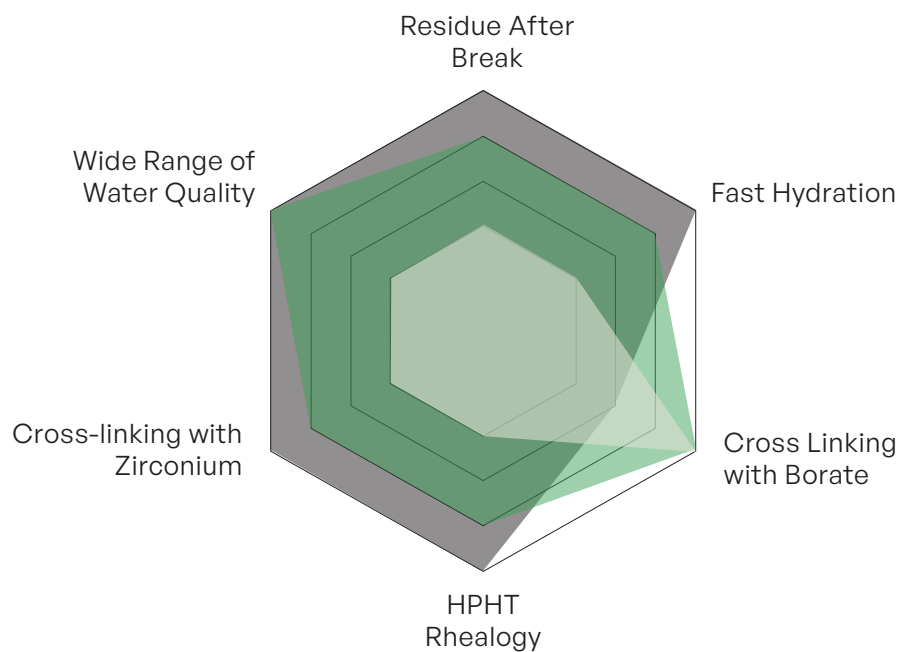
Tailored for high-performance under demanding conditions, Galmann FractoGel products maintain their functional properties even in the varied pH environments and temperature extremes typical of fracking sites. This durability ensures consistent performance, providing reliable and efficient viscosity management throughout the hydraulic fracturing process.

Optimized Linear Viscosity and Metal Crosslinking:

Galmann FractoGel, a superior range of Carboxymethyl Hydroxypropyl Guar (CMHPG) and Hydroxypropyl Guar (HPG), is specifically engineered to meet the rigorous demands of the hydraulic fracturing industry. This series excels in providing optimised viscosity solutions in brine that are essential for efficient fracking operations. Enhanced with exceptional metal crosslinking capabilities, Galmann FractoGel ensures robust gel structures that can withstand extreme subsurface conditions, optimizing the delivery of proppants to the fracture network.



Product	Galmann FractoGel 20	Galmann FractoGel 40
Type of Product	Hydroxypropyl Guar	Carboxymethyl Hydroxypropyl Guar
Viscosity in 2% KCL, 40ppT	>40	>33
Gel loading, @ 300RPM Fann		
Residue after break in %	<3	<3
pH in DI water (0.5%)	6.5	9.8
Brine Tolerance	Upto 15%	Upto 15%
Crosslinking with Zr/Ti	Medium	Very High





FLOWBIND RANGE

FlowBind Series is Satguru Group's Range of Hydrocolloids for the Construction Industry.

FLOWBIND SERIES

VMX

A Proprietary Natural Polysaccharide Derivative for Applications in High Flow Concrete, SCC, Concrete Mix, Cement-Mortar Systems, Etc.

PXR

A Series of Hydroxypropyl Guars for Thickening in Paints.

WGT

Blends Based on Hydroxypropyl Guars for Applications in Wall Putty, Tile Adhesives, Gypsum Based Plasters, Cement Mortar.

GSP

A Proprietary Formulation for Applications in Pure Gypsum Plasters, Gypsum Spray Plastering, Floor Screeds, Joint Compounds, Pure Cement Systems, Etc.

FLOWBIND VMX:

Innovative Solution for Modern Construction:

FlowBind VMX, a key component of the FlowBind series, represents a breakthrough in construction technology as a proprietary rheology modifier. Based on a natural galactomannan, this non-ionic product is formulated to enhance the performance of Self-Compacting Concrete (SCC), high-flow concrete, and cement mortar systems.

VMA Application :

FlowBind VMX is designed to modify viscosity effectively, providing superior control over the flow properties of concrete and mortar. This makes it an ideal choice for applications requiring precise placement and high workability without compromising the structural integrity of the material. By facilitating easier handling and application, VMX enhances the efficiency and quality of construction projects.

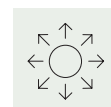
Sustainability and Safety:

Aligned with modern sustainable construction practices, FlowBind VMX is derived from natural sources, contributing to its eco-friendly profile. It supports not only the environmental goals of construction projects but also ensures safety and compliance with industry standards.

Versatile and Reliable Performance:

Suitable for a wide range of construction environments, FlowBind VMX ensures consistent performance in diverse conditions. Whether it's in the intricate demands of SCC or the robust requirements of high-flow concrete systems, VMX adapts to provide optimal results. Its non-ionic nature ensures compatibility with various cementitious systems, making it a versatile choice for enhancing rheological properties.

Advantages:



Uniformity



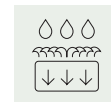
Workability



Stabilisation



Viscosity



Water
Retention



Strength

Application Areas:

High flow concrete, SCC, Concrete Mix, Cement-Mortar Systems, Etc.



FLOWBIND PXR:

High Viscosifying Abilities:

FlowBind PXR, a series of Hydroxypropyl Guars, engineered specifically for the paint industry, offering outstanding viscosifying capabilities. This series of hydroxypropyl guars enhances the rheological properties of paints, ensuring optimal consistency and flow control that painters and manufacturers demand for high-quality finishes.

Enhanced Enzyme Stability:

One of the standout features of FlowBind PXR is its enhanced enzyme stability. This characteristic ensures that the viscosity and overall performance of the paint remain consistent over time, even in environments that could potentially degrade lesser-quality additives. Paints formulated with FlowBind PXR maintain their application properties and aesthetic appeal, providing long-lasting results.

Advantages:



High
Viscosity



Bio-stability



Enzyme
Stability



Sustainable

Superior Biostability:

In addition to enzyme stability, FlowBind PXR exhibits excellent biostability, preventing microbial growth in paint formulations. This is crucial for maintaining the quality and safety of paint products, particularly in humid or prone-to-contamination settings. The biostability of FlowBind PXR helps extend the shelf life of paints and reduces the need for excessive preservatives.

Reliable Performance and Sustainability:

FlowBind PXR is not only effective but also made from renewable resources, aligning with modern sustainability practices in the coatings industry. Its reliable performance and environmentally friendly profile make it an ideal choice for paint manufacturers committed to reducing their ecological footprint while delivering superior products.

Application Areas:

Latex Paints



FLOWBIND WGT:

Superior Water Retention, Workability and Adhesion:

Designed to provide both builders and manufacturers with a competitive edge, FlowBind WGT has tremendous water retention and increases the workability of plasters and adhesives, facilitating easier and more efficient application. The enhanced adhesion properties ensure a strong bond and long-lasting durability, making it ideal for both renovation and new construction projects.

Effective Alternative to Cellulose Ethers:

FlowBind WGT presents a compelling alternative to cellulose ethers, commonly used in wall plaster and adhesive formulations. Its ability to achieve comparable or superior functionality makes it an attractive option for manufacturers looking to explore new materials that offer improved performance and cost-effectiveness.

Application Areas:

Wall Putty, Tile Adhesives, Gypsum Based Plasters, Cement Mortar.

Optimized Performance for Construction Materials:

FlowBind WGT, is a series of specialised Hydroxypropyl guar formulations tailored to improve the performance of wall plasters, gypsum-based plasters, and tile adhesives. This product offers exceptional control over the rheological properties of these materials, enhancing their application and end-use characteristics.

Advantages:



Anti-Sag



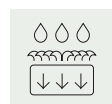
Workability



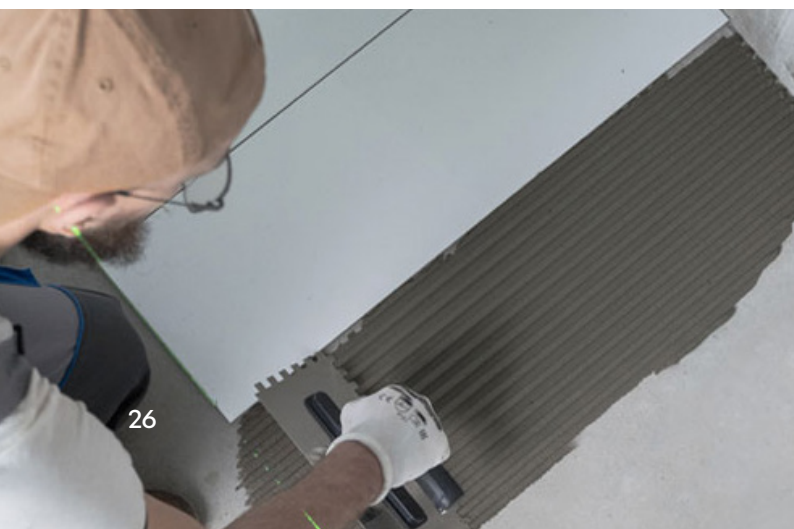
Smooth Finish



Environmentally Sustainable



Water Retention



FLOWBIND GSP:

Ideal for Neutral pH Gypsum Applications:

FlowBind GSP is particularly effective in pure gypsum formulations with a neutral pH, enhancing the material's handling and stability during application. For applications involving high pH gypsum, FlowBind WGT is recommended, ensuring that each specific gypsum type is paired with the most effective product for its pH range.

Enhanced Compressive Strength and Workability:

Incorporating FlowBind GSP into your formulations not only improves uniformity and workability but also significantly boosts the compressive strength of the final product. This makes it an excellent choice for high-strength applications, such as advanced construction and repair projects where durability is key. The addition of BMA further enhances these properties, offering an even greater strength profile.

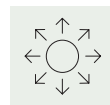
Application Areas:

Pure Gypsum Plasters, Gypsum Spray Plastering, Floor Screeds, Joint Compounds, Pure Cement Systems, Etc.

Specialized Non-Ionic Viscosifier and Water Retention Aid:

FlowBind GSP is a premium non-ionic viscosifier tailored to enhance the performance of joint compounds, tile adhesives, and both gypsum spray and hand plastering. Designed specifically for pure gypsum applications where the pH is closer to neutral, FlowBind GSP ensures optimal viscosity and superior water retention, facilitating smoother application and reliable adhesion.

Advantages:



Uniformity



Workability



Sustainable



High Compressive Strength



Water Retention



Faster Setting Time



NOTES:

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