

# Creating ingredients for a good life.







## TOUCHING LIVES, WORLDWIDE.

From toothpaste to alcohol, from sweeteners to paints, from paper to medicines, from plastics to personal care items... specialty products manufactured by Gulshan Polyols are an integral part of everyday life, across the world.



#### CREATING A CULTURE OF QUALITY.

Incorporated in 1981, under the leadership of Dr. C.K. Jain, Gulshan Polyols Ltd. is a leading multi-product manufacturer based in India. We deliver value through our products and services to our chain of associates around the globe.



More than 4 decades of experience and unmatched quality standards



Presence in over 35 countries, across 3 continents



Largest exporter of Sorbitol 70% from India



Thailand

#### **PRODUCT CATEGORIES**

India

• Starch Sugars

Canada

- Calcium Carbonate
- Onsite PCC Plants
- Indian Made Foreign Liquor
- Agro Based Animal Feed

#### **PLANT LOCATIONS**

Myanmar

• Muzaffarnagar, Uttar Pradesh

Peru

- Bharuch, Gujarat
- Dhaula Kuan, Himachal Pradesh
- Chhindwara, Madhya Pradesh
- Abu Road, Rajasthan

#### **ONSITE PCC PLANTS**

- ITC, Hoogly, Kolkata
- Patiala, Punjab
- Sahibabad, Uttar Pradesh



## **ENRICHING TASTES** WORLD OVER.

Starch and its derivatives have emerged as the most promising environment-friendly ingredients over the years, offering varied application benefits in both food as well as non-food industries. Starch sugars are produced by treating native starch chemically, physically or enzymatically. They possess unique characteristics, which explain their popularity in various industries such as dentifrice, healthcare, paints, pharmaceuticals, food & beverage, paper emulsions, textile, tobacco, adhesives, etc.



#### **PLANT HIGHLIGHTS**

- Two plants dedicated to starch sugars with combined capacity to grind 140,000 MT grain every year
- Facilities and products certified ISO, HACCP, OU-Kosher, HALAL
- High quality standards through our in-house QC & QA laboratory equipped with HPLC and Gas Chromotograph, and a separate microbiology facility

#### **STARCH SWEETENERS WE MAKE**

- Sorbitol 70%
- Dextrose Monohydrate
- Malto Dextrine Powder
- Liquid Glucose

#### **PLANT LOCATIONS**

- · Bharuch, Gujarat
- Muzaffarnagar, Uttar Pradesh







### CREATING POSSIBILITIES.

Calcium carbonate is the most commonly available and widely used compound as an industrial mineral. Limestone is the base sedimentary rock composed primarily of the calcium carbonate mineral, calcite (CaCO<sub>3</sub>). Calcite is treated chemically and physically to produce different grades of calcium carbonate. As a natural compound, Calcium Carbonate is widely used in dentifrice, paints, PVC, pharmaceuticals, dietary supplements, paper industry, construction, adhesives, etc.

#### **PLANT HIGHLIGHTS**

- Four world class facilities spread across India
- Integrated capacity of more than 1,05,000 MTPA
- Facilities come with in-house microbiology laboratory and state-of-the-art research facilities, backed by 7MW power plants

#### **OUR PRODUCTS**

- Precipitated Calcium Carbonate
- Activated Calcium Carbonate
- Ground Natural Calcite Powder
- Wet Calcium Carbonate

#### **PLANT LOCATIONS**

- Muzaffarnagar, Uttar Pradesh
- Bharuch, Gujarat
- Dhaula Kuan, Himachal Pradesh
- Abu Road, Rajasthan







## SPREADING THE WINGS OF ENVIRONMENT-FRIENDLY TECHNOLOGY.

Gulshan Polyols Ltd. is the first to introduce the concept of Onsite PCC plant in India. This has been recorded in the Limca Book of Records, 2010. Gulshan Polyols Ltd. provides the know-how and equipment to set up an Onsite PCC plant and maintains supply of raw material for the same. Dr. Vasant Chapnekar, an eminent technologist, responsible for the introduction of PCC in alkaline paper in U.S.A. is associated with Gulshan Polyols Limited. With joint efforts, the company has installed its technology in manufacturing PCC and supplying it to the customers.

#### ONSITE PCC PLANTS

PCC is produced in a satellite facility; onsite or close to a paper mill and the resultant slurry is pumped directly to the mill. In this arrangement, all plant and equipment required for producing PCC are installed under lease agreement in the premises of its end user. This unique environment friendly technology not only reduces the energy consumption and drying time but also utilizes the CO<sub>2</sub> emitted from the boilers.

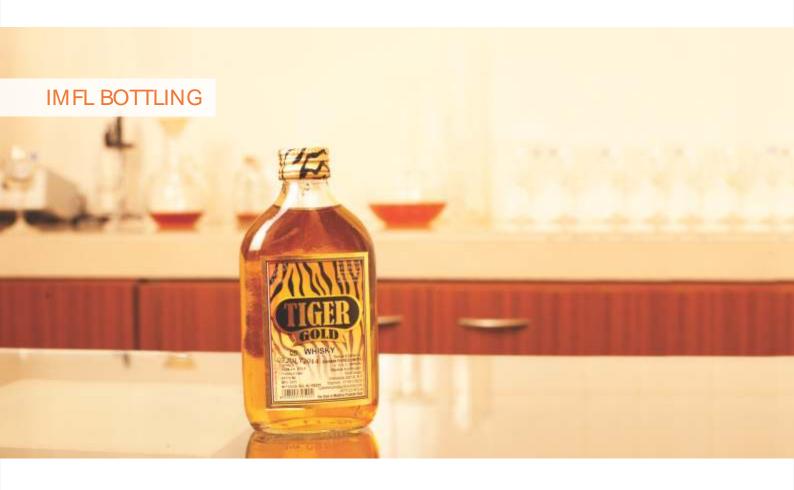
#### **BENEFITS OF ONSITE-PCC**

- · Satellite plant brings efficiency in cost, production and supply chain management
- Use of PCC improves paper properties like brightness, oil absorbency, porosity, opacity and scattering-coefficient
- Use of PCC reduces the consumption of **OBA** and Titanium
- Providing a ready to use cheaper filler
- · Increasing filler loading
- Elimination of freight costs
- In-time delivery
- Reduction in cost of production
- Improvement in paper properties at par with international quality grades

#### **ONSITE PCC UNITS IN INDIA**

- ITC, Hoogly, Kolkata
- DSG Paper, Patiala, Punjab
- Magnum Paper, Sahibabad, Uttar Pradesh





## SPREADING THE SPIRIT CALLED LIFE.

Quality par excellence has always been the motto of Gulshan Polyols and with this same promise we have ventured into the alcoholic beverage industry.

#### **PLANT HIGHLIGHTS**

- IMFL bottling unit set up in Chhindwara, Madhya Pradesh
- Capacity to bottle 405,000 cases per month
- In-house brand 'Tiger Gold' already in market
- Upcoming grain distillery for Extra Neutral Alcohol, capacity of 60,000 KLPD





## SPREADING QUALITY THROUGHOUT THE FOOD CHAIN.

Gulshan Polyols Ltd. expanse of expertise is not restricted to specialty chemicals, but over the years the company has marked its presence in the global food industry as well, producing agro based animal feeds. It's considered the most important component that ensures safe, abundant and affordable animal proteins, and at Gulshan Polyols we produce nothing but the best.

#### **OUR PRODUCTS**

- Corn gluten (minimum 60% protein)
- Rice gluten (minimum 45% protein)
- Corn germ (minimum 48% oil)
- Cattle feed (minimum 20% protein)

#### **BENEFITS**

- Used by cattle feed industry and farmers
- Quite beneficial for poultry and acqua































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#### Plant Locations:

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#### Onsite Plants:

DSG PAPERS PVT. LTD. Village Bhanri, Main Road Patiala, Punjab

ITC LTD PSPD Tribeni Unit, Chandrahati Hooghly, Pin - 712504 Kolkatta