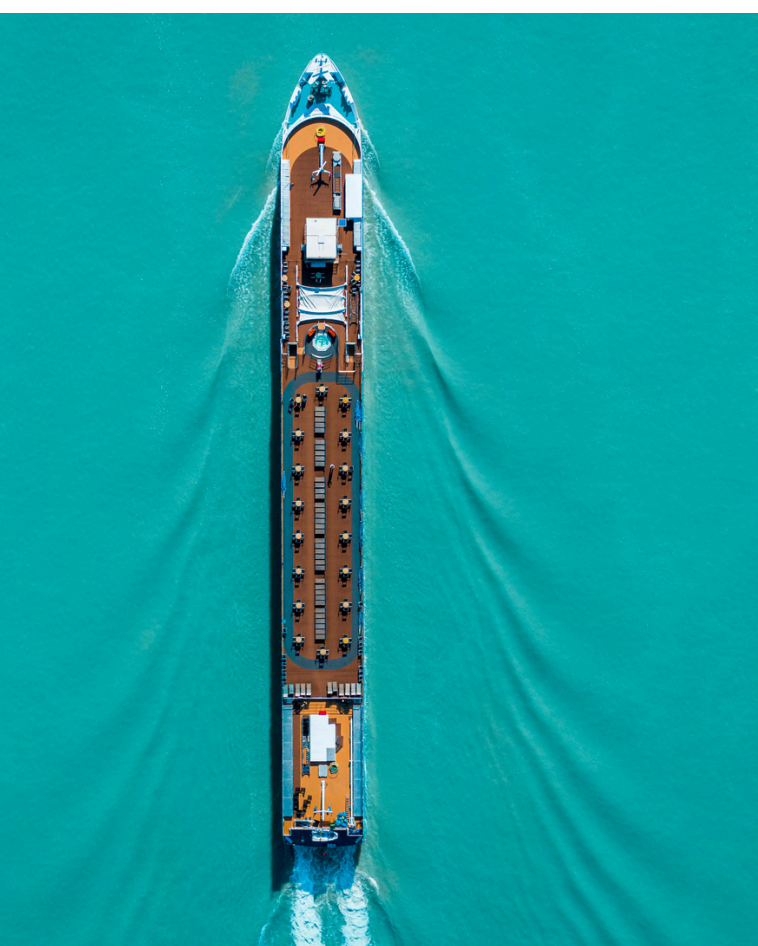




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# MINERALS, ORES & METAL CONCENTRATES



## BENTONITE

- Bentonite clay is a natural material valued for its absorption and swelling abilities.
- It's used in drilling fluids, metal casting, and environmental sealing like landfills and ponds. In pharmaceuticals and cosmetics, it works as a detoxifier and thickener, while in the beverage industry, it's used to clarify wine and juices.

## COPPER SLAG

- Copper slag, a byproduct of copper smelting, is used in various industries for its abrasive and stabilizing qualities.
- It's commonly employed in abrasive blasting, concrete production, and road construction, improving durability and strength. Additionally, its porous nature makes it effective as a filtration medium in wastewater treatment.



## QUARTZ

- Quartz, a highly abundant mineral, is known for its hardness, clarity, and piezoelectric properties. It is exported in several forms, such as lumps, powder, and grits.
- It is widely used in electronics for its piezoelectric capabilities, as well as in the manufacturing of countertops and tiles for its strength and visual appeal. It is also a popular choice in jewelry due to its beauty and durability.

## CHINA CLAY (KAOLIN)

- Kaolin is a fine, white clay known for its purity, smooth texture, and excellent plasticity, making it highly valuable across various industries.
- It is widely used in the paper industry as a coating and filler, in ceramics for producing tiles and sanitaryware, and in paints and rubber for enhancing durability and consistency. Additionally, its gentle, non-toxic properties make it ideal for use in pharmaceuticals and cosmetics.







## TALC

- Talc, the softest naturally occurring mineral, is highly valued for its moisture-absorbing ability, smooth texture, and chemical inertness.
- In cosmetics and skincare, talc is used for its ability to absorb excess oil. In pharmaceuticals, particularly in tablet manufacturing used as a lubricant and filler. It is also used in paints and plastics to improve texture and durability, and in ceramics to enhance strength and workability.

## DOLOMITE

- Dolomite, a mineral composed of calcium magnesium carbonate.
- In construction, it serves as a durable building material and aggregate. It is also used as a flux in metallurgy to remove impurities during metal processing. In agriculture, it acts as a soil conditioner. Additionally, it plays a key role in the production of glass and ceramics, enhancing strength and stability.



## FELDSPAR

- Feldspar minerals are vital in ceramics and glass production, where they reduce melting points and improve durability.
- In ceramics, they act as a flux, enhancing strength and finish, while in glass manufacturing, they regulate viscosity and thermal stability. Additionally, feldspar is used as a filler in paints and plastics, improving texture and processing qualities.



## LIMESTONE

- Limestone, primarily made up of calcium carbonate, is a highly versatile and widely used natural resource across various industries and agricultural applications.
- In the construction sector, it is a key ingredient in cement production and is also used extensively as a durable and reliable building material. In agriculture, it is used as lime to improve soil quality, while in water treatment, it aids in purification processes.



# INDUSTRIAL CHEMICALS & RELATED PRODUCTS



## SALT

- Salt is essential in various industries due to its chemical properties and versatility.
- Our range of exported salt includes raw salt (both iodized and non-iodized), industrial salt, refined free-flow salt (iodized and non-iodized), rock salt, and pool salt.
- These salts are widely used across several industries, such as chemical manufacturing, animal feed production, water treatment, and road de-icing, while also being available for human consumption.

## SALT TABLETS

- Salt tablets are primarily used for water softening applications.
- It is commonly utilized in water softening systems and industrial water treatment processes to remove minerals like calcium and magnesium, which can cause scaling and reduce the efficiency of equipment.



## SODIUM CHLORIDE

- Sodium chloride ( $\text{NaCl}$ ) is essential in various industries, particularly in food preservation, chemical production, and water purification.
- It helps extend the shelf life of food, is key in manufacturing chlorine and caustic soda, and plays a vital role in purifying water by removing impurities.

## CALCIUM CHLORIDE

- Calcium chloride is commonly used in both de-icing and food-related applications.
- It is essential for road de-icing during winter to ensure safety, helps control dust in industrial settings, and plays a vital role in preserving food by preventing spoilage and extending shelf life.







## HYDROCHLORIC ACID (32-35%)

- Hydrochloric acid (HCl) is a powerful, corrosive acid valued for its versatility in industrial applications.
- It is used for metal cleaning, pH control in water treatment, chemical synthesis, leather processing, food production such as corn syrup, and general industrial cleaning.

## MAGNESIUM CHLORIDE

- Magnesium chloride is widely used for its moisture-absorbing (hygroscopic) and effective de-icing properties.
- It is commonly applied in dust suppression, ice control, and various industrial processes.



## MAGNESIUM SULPHATE HEPTAHYDRATE (EPSOM SALT)

- Magnesium Sulphate Heptahydrate is vital for both agricultural and therapeutic purposes.
- It is commonly used in agriculture, healthcare, and various industrial applications.

## CAUSTIC SODA FLAKES

- Caustic Soda Flakes is known for its high alkalinity and versatility.
- It is widely used in various industrial manufacturing processes. It is essential in soap and detergent production, paper manufacturing, textile processing, and water treatment.







## SODA ASH

- Soda Ash plays a key role in several industrial processes, most notably in the manufacturing of glass and the formulation of detergents.
- Its unique properties make it indispensable in these applications, ensuring durability, clarity, and effectiveness.

## SODIUM SILICATE

- Sodium Silicate is essential in various industries, commonly used in detergent production, adhesives and sealants.
- In the construction industry, it is used in cement formulations, improving durability and performance in building materials



## FERROUS SULPHATE HEPTAHYDRATE

- Ferrous Sulphate Heptahydrate is widely used in agriculture for fertilizers, enhancing soil and plant growth.
- It also plays a key role in water treatment by purifying water and removing impurities. Additionally, it is used in various industrial processes, making it a versatile and essential compound.

## COPPER SULPHATE PENTAHYDRATE

- Copper Sulphate Pentahydrate is commonly utilized in various industries, particularly in agriculture as an effective fungicide.
- It plays a key role in water treatment and is also widely used as a chemical reagent in laboratory settings. Its diverse applications make it an essential compound in managing plant diseases, purifying water, and conducting scientific research.

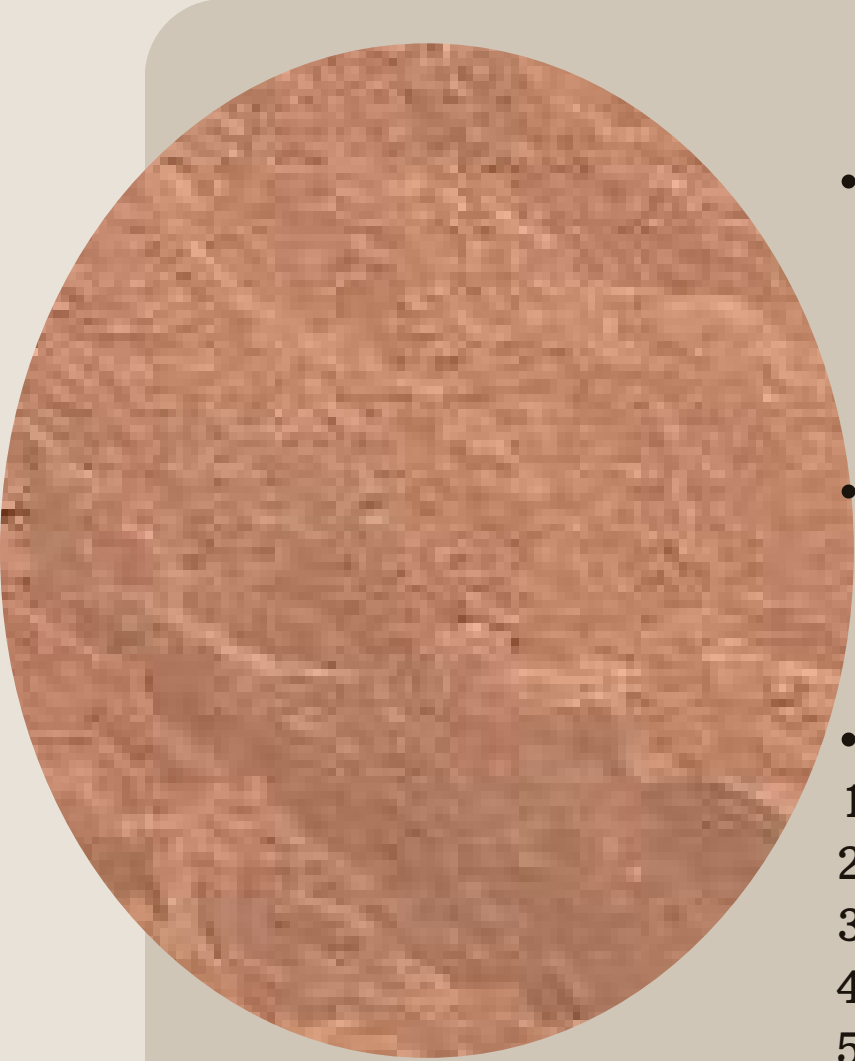


## COBALT SULPHATE

- Copper Sulphate is a key material widely used in battery production and electroplating due to its excellent conductive properties.
- It also plays an important role in the manufacturing of pigments, making it a versatile compound in various industrial applications.



# CONSTRUCTION AND BUILDING MATERIALS



## SANDSTONE

- Rajasthan is renowned worldwide for its premium-quality sandstone, prized for its durability, aesthetic appeal, and resistance to weather conditions, making it a popular choice in construction and architectural projects.
- These sandstones are used in a variety of applications, such as flooring, wall cladding, outdoor paving, garden ornaments, and pool surrounds, adding both beauty and functionality to projects worldwide.
- Types Exported:
  - 1.Kandla Grey Sandstone
  - 2.Red Sandstone
  - 3.Rippon Buff Sandstone
  - 4.Autumn Brown Sandstone
  - 5.Raj Green Sandstone

## TILES

- Indian tiles are internationally recognized for their outstanding quality, durability, and aesthetic appeal, making them a popular choice for a wide range of residential and commercial spaces.
- The country exports various types of tiles, including ceramic, porcelain, vitrified, and natural stone tiles, each known for its unique properties and versatility.
- These tiles are commonly used for interior and exterior flooring, wall coverings, and cladding, adding both beauty and functionality to any environment.





# AGRICULTURE & FOOD PRODUCTS



## BASMATI RICE

- Basmati rice is globally recognized for its long, slender grains and distinctive aromatic fragrance. Grown mainly in the Himalayan foothills of India.
- India exports several popular varieties, including Traditional Basmati, Pusa Basmati, 1121 Basmati, 1509 Basmati, and Sugandha. Its versatility makes it a staple in gourmet cuisines, daily meals, and special occasion recipes around the world.

## CORN (MAIZE)

- Corn, or maize, is a key global cereal crop, with India exporting high-quality varieties like Yellow Corn, White Corn, and Sweet Corn.
- It is widely used in animal feed, food products such as cornmeal and syrup, biofuel production (ethanol), brewing, and industrial applications like bioplastics and adhesives.



## RAPESEED MEAL

- Rapeseed meal, a byproduct of rapeseed oil extraction, is rich in protein (36–40%) and plays a significant role in animal nutrition globally.
- This highly nutritious meal is widely used as feed for poultry, cattle, and swine, providing a valuable source of protein. Additionally, it serves as an excellent organic fertilizer, contributing to sustainable farming practices.



## SOYBEAN MEAL

- Soybean meal, a protein-rich byproduct of soybean oil extraction, is an essential component in livestock nutrition.
- It provides the necessary amino acids that are crucial for the growth and health of animals. Widely used as animal feed, soybean meal is particularly beneficial for poultry, cattle, and fish, supporting their development and well-being,







## COTTONSEED MEAL

- Cottonseed meal, which contains around 40% protein, is a highly nutritious supplement for animal feed.
- It is also an effective organic fertilizer, enriching soil with essential nutrients. Additionally, cottonseed meal serves as a soil amendment, improving soil structure and promoting healthy plant growth.

## PULSES

- India is the leading producer and exporter of pulses, celebrated for their high protein content (20-25%), which is crucial for a balanced diet.
- The country exports various types of pulses, including Chickpeas (Gram), Pigeon Pea (Tur), Lentils (Masur), Moong Beans, and Urad Beans.
- These pulses are widely used in human nutrition, providing essential nutrients, as well as in animal feed and processed foods.



## MILLETS

- Millets are nutrient-rich, gluten-free cereals grown in India's semi-arid regions, valued for their health benefits, especially in managing diabetes and heart conditions.
- Key types exported include Pearl Millet (Bajra), Finger Millet (Ragi), Foxtail Millet, and Sorghum (Jowar).
- They are used in health foods, gluten-free diets, animal feed, and ready-to-eat products.

## GUAR GUM POWDER

- Guar gum, extracted from guar beans, is valued for its high viscosity and serves as an effective thickener, stabilizer, and emulsifier.
- It is widely used in food processing (sauces, dairy), pharmaceuticals (tablets), cosmetics, oil and gas (hydraulic fracturing), and mining applications (flocculation agent).







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