

ESTABLISHED IN THE YEAR, 1992, AARTI CHEMICALS, IS A PROFESSIONALLY MANAGED ORGANIZATION ENGAGED IN PROCESSING, SUPPLYING AND EXPORTING AN EXTENSIVE RANGE OF INDUSTRIAL MINERALS. BASED AT BEAWAR, RAJASTHAN, WE SUPPLY OUR PRODUCTS PAN INDIA & OVERSEAS.

AARTI CHEMICALS

Wide Range of Industrial Minerals.....



ABOUT US

Our range of Minerals is widely used in the manufacturing of glass, paints, refractories, precision instruments, pressure gauges, oscillators, resonators, prism, and spectrographic lenses. Most of these minerals are extracted from rocks containing lime and are precisely processed to assure superior quality. Our products conform to the international standards of quality and are thoroughly tested to ensure optimality.

We are incessantly marching ahead under the able guidance and leadership of our mentor Mr. Narayan Heda. He laid the foundation of our organization, and has helped us attain success in the domain through his in-depth knowledge and understanding of the industry requirements.

OUR TEAM

OUR DEXTEROUS TEAM IS THE REAL STRENGTH OF OUR COMPANY, WHICH PERFORMS ITS DUTIES WITH GREAT COOPERATION AND HIGH LEVEL OF EFFICIENCY. OUR WORKFORCE COMPRISES SPECIALIST PERSONNEL HAVING HIGH EXPERIENCE IN THEIR DOMAIN AREA. EACH WORKER PERFORMS HIS WORK WITH UTMOST SINCERITY AND SENSE OF RESPONSIBILITY, AND STRIVES TO IMPROVE HIS SKILLS ON A REGULAR BASIS BY TAKING PART IN THE TRAININGS. OUR TEAM COMPRISES THE FOLLOWING KEY PERSONNEL :

- CHEMICAL ENGINEERS
- TECHNICAL EXPERTS
- PRODUCTION EXPERTS
- QUALITY CONTROLLERS
- MARKETING PROFESSIONALS
- SKILLED/ SEMI-SKILLED LABORERS
- WAREHOUSING & PACKAGING PERSONNEL

THESE PROFESSIONALS WORK HARD TO MEET THE CLIENTS' EXPECTATIONS AND HELP US DELIVER UNMATCHED RANGE. THEIR COMMITMENT TOWARDS QUALITY HELPS US USE LATEST TECHNIQUES AND TECHNOLOGY WITH EASE AND OFFER HIGH QUALITY MINERALS AT MARKET LEADING RATES.

OUR CLIENTELE....

WE COMMAND A STRONG MARKET PRESENCE FOR THE LAST 2 DECADES IN THE INDUSTRY, AS WE ARE ABLE TO MEET OUR CLIENTS' DEMANDS AT ALL TIMES. OUR EFFORTS ARE CONCENTRATED ON FULFILLING EACH AND EVERY NEED OF THE CLIENTS, AND WE PUT IN OUR BEST NEVER TO DISAPPOINT OUR CLIENTS. WE ARE EXPORTING AND SUPPLYING MINERALS ACROSS THE WORLD, AND MAKE SURE THAT OUR RANGE IS PURE AND PROCESSED AS PER THE INTERNATIONAL QUALITY STANDARDS. OUR TEAM ENSURES THAT THE CONSIGNMENTS ARE DELIVERED ON TIME, AT AFFORDABLE COSTS TO THE CLIENTS

OUR PRODUCTS

Hydrated Lime

Hydrated Lime (White French lime) is a castle cement product and is effectively used in the situations where there is a need of bright white lime mortar. Presence of clay and other impurities in the limestone creates this dry powdered lime. Due to this factor, it offers great performance under water and in other extreme conditions by providing a faster initial set up without being exposed to the air



Quick Lime

We are a prominent exporter and supplier of Quick Lime, or Lime, which is a general term referred for a number of related materials. By burning limestone or marble (CaCO_3), which are the forms of calcium carbonate, pure lime (calcium oxide (CaO)) is formed and carbon dioxide gas (CO_2) is released. Calcined calcium magnesium carbonate ($\text{CaMg}(\text{CO}_3)_2$), dolomite, forms dolomitic lime, which has MgO presence and therefore, different reactivity. Further, hydrated lime ($\text{Ca}(\text{OH})_2$), also known as call lime, can be formed on mixing water with the lime. Limestone finds application in agriculture industry to muddy the water.



OUR PRODUCTS

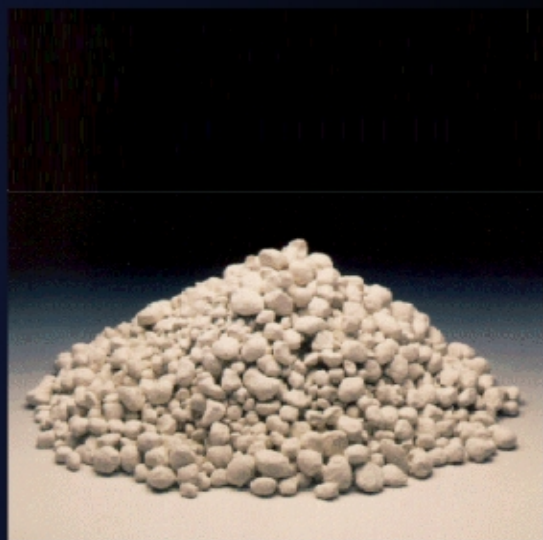
Soapstone Powders

Soapstone Powder is a metamorphic hydrated magnesium silicate and is known for soapy feel and pearly luster. Our optimum quality range is free from any kind of adulteration and offers good opacity to the finished products. We are supplying our range of Soapstone Powders to our clients in India and overseas at nominal rates.



China Clay

China Clay comprises primarily of kaolinite mineral and is one of the purest forms of clays that is formed when granite gets changed by hydrothermal metamorphism. Terms china clay and kaolin are sometimes used synonymously for a group of similar clays. Whereas, china clay is referred to the imported variety, while the clay obtained from United States is known as kaolin, as there is not a clear definition of the two. Some authorities have termed china clay as more plastic of the kaolins. China clay can be easily molded and has a fine texture and is white when fired. Therefore, it finds great usage in ceramic industry, especially in fine porcelains. Further, china clay is also used in making paper.



China clay is mined in France and (Cornwall) England and its deposits are also found in North Carolina, Georgia and Pennsylvania states of US.

OUR PRODUCTS

Quartz Minerals

Quartz Minerals is widely used as a semiprecious gem stone and is offered at market leading rates to our clients. Onyx, carnelian, chalcedony, agate and jasper are some of the cryptocrystalline forms of the gem stones. Citrine, rose quartz, smoky quartz and amethyst are some of the varieties of this crystalline gem. Further, it is used for:

- Manufacturing refractories, precision instruments, glass, paints and abrasives
- Pressure gauges, oscillators, resonators and wave stabilizers, due to its piezoelectric properties
- Heat-ray lamps, prism and spectrographic lenses, due to its transparency in ultraviolet rays and capability to rotate the plane of polarization of light



Feldspar Minerals

The most common rock-forming mineral that are contained in Feldspar Minerals are potassium, sodium, calcium and aluminium silicates. Orthoclase ($K_2O, Al_2O_3, 6SiO_2$) is a potassium feldspar and is the common Feldspar. Anorthite ($CaO, Al_2O_3, 2SiO_2$) is calcium feldspar and albite ($Na_2O, Al_2O_3, 6SiO_2$) is sodium feldspar. Further, Feldspar Minerals is available in various other varieties like:

Microcline, can be seen only under a petrological microscope, is its crossed, hatched, twinned orthoclase variety

Plagioclase feldspar is a somorphous mixture of sodium and calcium feldspars

Andesine, labradorite, oligoclase, and bytownite form the other feldspars plagioclase series

Anorthosite, a rock containing only plagioclase feldspars

Increased percentage of calcium in suitable proportions of sodium and calcium leads to the formation of mineral oligoclase to bytownite, which gradually turns into calcium feldspar (anorthite)



OUR PRODUCTS

Dolomite Minerals

We offer Dolomite Minerals. Found in several hundred feet thick massive beds, Dolomite, named after Deodat de Dolomieu (a French mineralogist) is a common sedimentary rock-forming mineral. Dolomite or dolomitic limestone is a commonly found mineral of sedimentary rock. It is not formed these days, but can be found in ancient rocks, which leads to a debate over its origin among sedimentologists, also known as "Dolomite Problem". Maybe, due to the significant mineralogical changes, Dolomite is not found on the earth's surface like sandstones, shales and lime stones.

Calcite/aragonite rich limestones are the original depositions of calcite and/or aragonite that alters to Dolomite after undergoing diagenesis process, which is similar to metamorphism. Environments near tropical oceans are warm magnesium rich ground waters (having significant amount of salinity), which are the best source of dolomite formation.



Wollastonite Mineral

Wollastonite Minerals contains magnesium, iron and manganese instead of calcium in small amounts and is a calcium inosilicate mineral (CaSiO_3). It is usually white in color and is named after William Hyde Wollaston (1766–1828), an English chemist and mineralogist. Following are some of the specifications:

On subjecting impure limestone or dolostone to high temperature and pressure in the presence of silica-bearing fluids Wollastonite is formed, like in skarns or contact metamorphic rocks

Diopside, tremolite, epidote, plagioclase feldspar, pyroxene, garnets, vesuvianite and calcite are the included associated minerals

Low moisture & volatile content, oil absorption, high brightness and whiteness are its properties that make wollastonite useful

Primarily used in metal making, paint filler, ceramics, friction products (brakes & clutches) and plastics



OUR PRODUCTS

Calcite Minerals

Calcite Minerals are the most common yet amazing mineral that gets its name from a Greek word for lime, "chalix". It has considerable mass and is found in different geological environments and comprises near to 4% of the earth's crust weight, thereby constituting a major part of three major rock classification types. Extraordinary diversity and beauty of this rock type make them collectors delight.



Following are the specifications:

- Some rock types contain more than 99% calcite
- In sedimentary environments, it forms oolitic, fossiliferous and massive limestones
- Serves as the cements for many sandstones and shales
- Pressure of metamorphic events and application of heat converts limestone into marble
- Calcite is even a major component in the igneous rock called carbonatite
- It forms the major portion of many hydrothermal veins

Lime Stone

Lime Stone is composed of calcite (CaCO_3) mineral and is a calcareous sedimentary rock that yields lime (CaO) upon calcination for commercial use. Calcite and aragonite are the crystalline equivalents of limestone, which have same chemical composition. Each possessing distinct physical properties, it can be broadly interpreted to include any calcareous material like:



- Marble
- Chalk
- Travertine
- Tufa
- Limeshell
- Coral
- Marl

CONTACT US



AARTI CHEMICALS

Wide Range of Industrial Minerals.....

**No. 121, Heda Bhawan,
Heda Gali, Beawar - 305 901,
Rajasthan, India**

Call Us : 09414009173

Phone : 01462- 253673/ 253674

Email : aartichemical2002@yahoo.com

WebPage : www.exportersindia.com/aartichemicals/

www.aartichemicals.in / www.aartichemicals.net