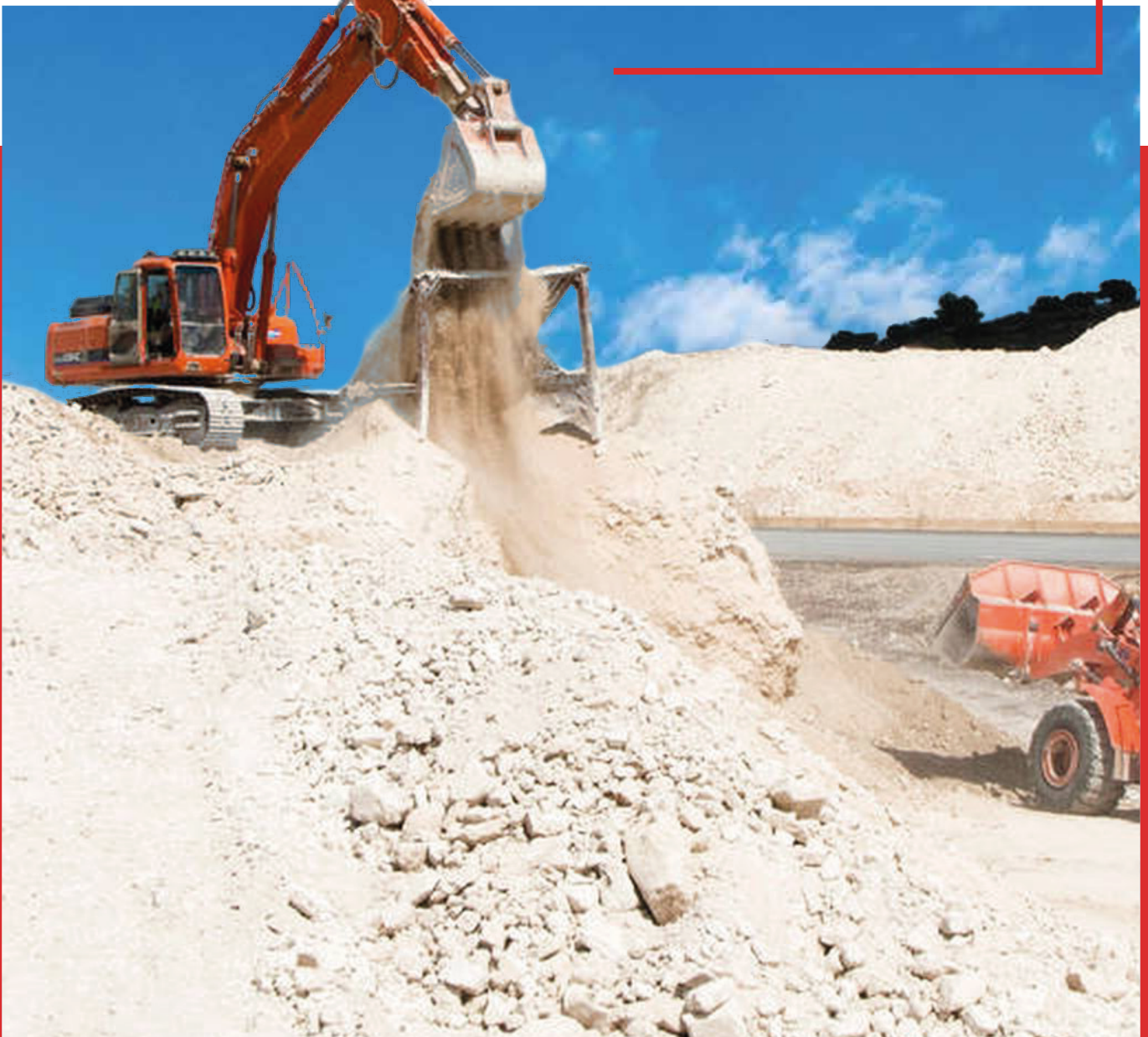




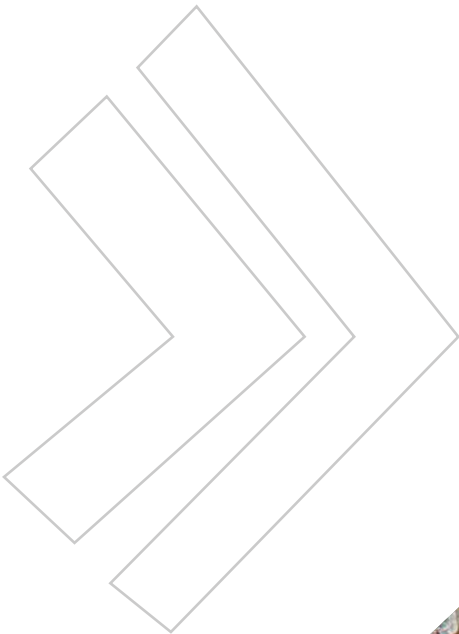
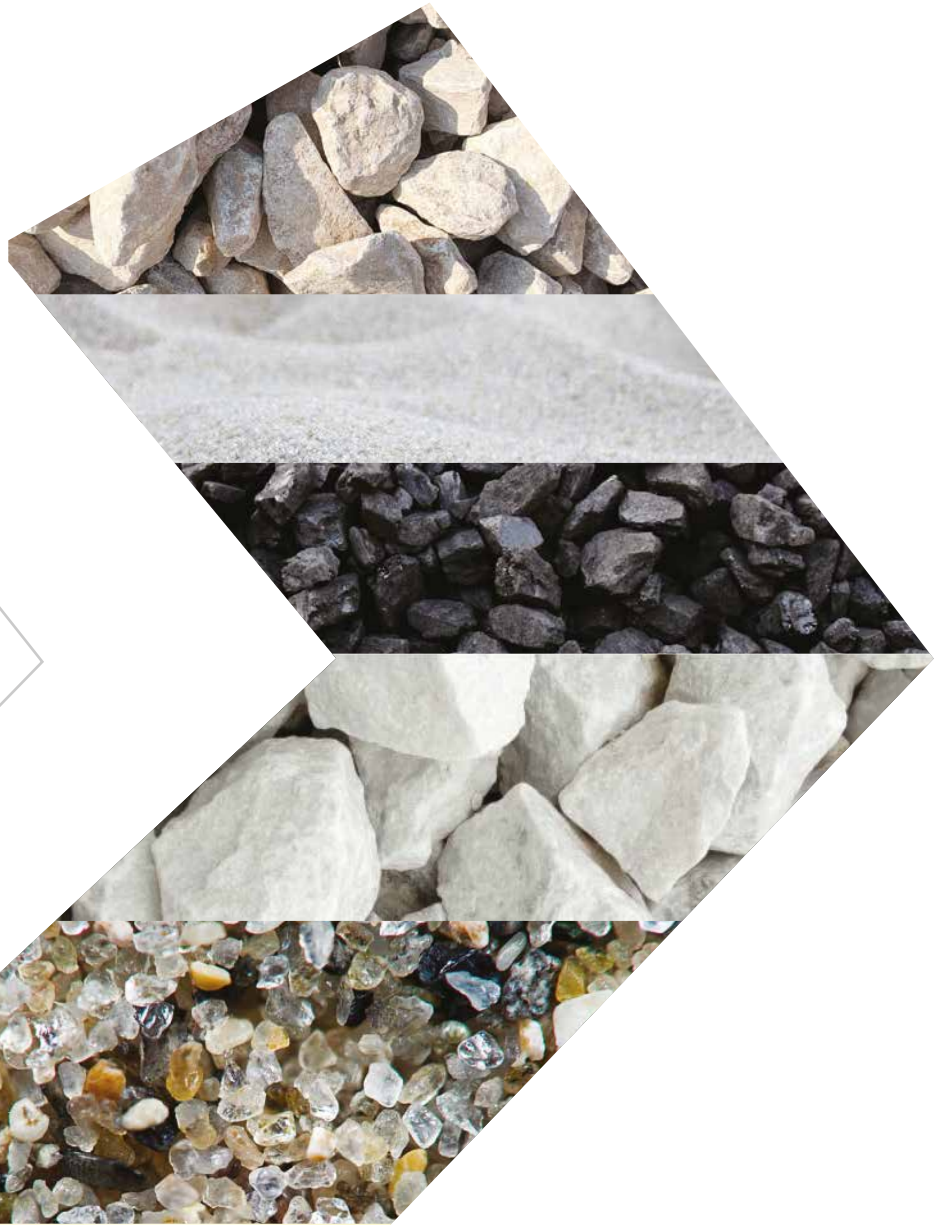
**Kavita  
MineChem**  
Pvt. Ltd.

# Mining **Quality** Delivering **Trust**



# About Us

Founded in 2011, Kavita Minechem Pvt Ltd has quickly established itself as a leader in the manufacturing industry. With a current production capacity of 1.5 million units per annum, we are dedicated to growth and innovation. Our goal is to expand this capacity to 3 million units per annum by 2026, ensuring that we continue to meet the evolving needs of our customers while maintaining the highest standards of quality and efficiency. We also imports low silica Limestone, low iron limestone, low iron content dolomite (  $\text{Fe}_2\text{O}_3 < 100 \text{ ppm}$  ), coal, crude glycerin 80% min. from various part of other countries like UAE, OMAN, CHINA, BRAZIL, INDONESIA, AFRICAN COUNTRIES etc.





# Limestone

**1. Low silica limestone**

**2. Low Iron limestone**  
(Fe2O3 < 100 ppm)

At Kavita minechem, we offer high-quality limestone, a versatile mineral used in steel and metallurgy, Desulphurization of coal, making of calcium chloride and other chemical process.

### Analysis of Low Silica Limestone

Calcium Oxide (CaO)	54.86%	IS 1760
Calcium Carbonate (CaCO3)	97.65%	By Calculation
Loss on Ignition (LOI)	43.55%	IS 1760
Silica (SiO2)	0.33%	IS 1760
Magnesium Dioxide (MgO))	0.58%	IS 1760
Aluminum Oxide (Al2O3)	0.13%	IS 1760
Iron Oxide (Fe2O3)	0.22%	SOP(TPM/MSK/5/C1)
Potassium Oxide (K2O)	0.033%	IS 1493
Sodium Oxide (Na2O)	0.023%	IS 1493
Sulphur (SO3)	0.024%	Instrumental Method (C & S Analyser)
Sodium Oxide (Na2O)	0.023%	IS 1493
Chloride (Cl)	0.009%	Instrumental Method (Ion Selective)
Phosphorus Pentoxide (P2O5)	0.010%	ASTM C1301-95
Manganese Trioxide (Mn2O3)	0.005%	ASTM C1301-95
Shatter Index (+10 MM)	96.6%	IS 9963
Decrepitation Index (-10 MM)	2.7%	IS 10345
Moisture	0.14%	IS 1209

### Analysis of Low Iron Limestone

CaO	>54%
MgO	<1.5%
Fe2O3	≤0.009%
SiO2	≤1.0%
Al2O3	≤0.5%
IL	<0.5%
above 2.0 mm	0%
below 0.125 mm	<10%



## Applications





# Silica Sand

At Kavita Minechem, we offer high-quality Silica Sand with Low iron content ( $\text{Fe}_2\text{O}_3 < 120$  ppm ) used across various industries due to its chemical and physical properties. It is mainly used for making Ultra clear glass, Foundry casting, Water filtration, Ceramics etc. Now a days it is vastly used to make solar glass industry.

## Analysis Of Silica Sand

$\text{Al}_2\text{O}_3$ (Aluminum Oxide)	<0.60%
$\text{SiO}_2$ (Silicon Dioxide)	>99%
$\text{Fe}_2\text{O}_3$ (Ferric Oxide)	<120 PPM
LOI	0.35%
$\text{TiO}_2$ (Titanium Dioxide)	400 PPM Max
Grain Size	
+22 BSS	NIL
+25 BSS	2.0% MAX
<-120 BSS	5.0% MAX



## Applications



Making Of Solar Glass



Foundry Casting



Filtration



Ceramics



# Coal

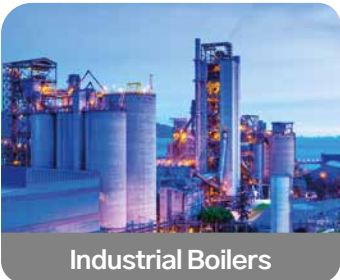
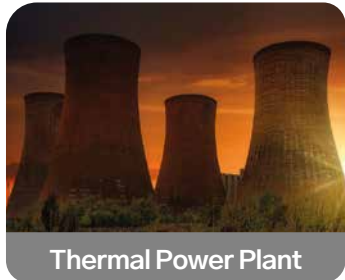
Coal is a versatile energy source and raw material that has been used for centuries in various industries. Kavita minechem offers high grade coal utilized in energy production in power plant, steel industry and industrial boilers.

## Analysis Of Silica Sand

Al <sub>2</sub> O <sub>3</sub> (Aluminum Oxide)	<0.60%
SiO <sub>2</sub> (Silicon Dioxide)	>99%
Fe <sub>2</sub> O <sub>3</sub> (Ferric Oxide)	<120 PPM
LOI	0.35%
TiO <sub>2</sub> (Titanium Dioxide)	400 PPM Max
Grain Size	
+22 BSS	NIL
+25 BSS	2.0% MAX
<-120 BSS	5.0% MAX



## Applications





# Dolomite

**1. Low silica Dolomite**

**2. Low Iron Dolomite**  
(Fe2O3 < 100 ppm)

Kavita Minechem offers high quality Dolomite products, including dolomite powder and granules suitable for various applications such as steel production, solar glass manufacturing and ultra white glass manufacturing.

## Analysis of Low Silica Dolomite

Loss on ignition	46.01%	LOI
Silicon Dioxide*	0.03%	SiO2
Aluminum Oxide	0.05%	Al2O3
Calcium Oxide	31.79%	CaO
Iron Oxide	0.22%	Fe2O3
Magnesium Oxide	21.32%	MgO
Manganese Oxide	0.06%	Mno
Phosphorous Pentoxide	0.01%	P2O5
Potassium Oxide	0.02%	K2O
Titanium Oxide	<0.01%	TiO2
Sodium Oxide	0.1%	Na2O
Sulphur Trioxide*	0.04%	SO3
Calcium Carbonate#	56.74%	CaCO3

## Analysis of Low Iron Dolomite

IL (Burn n Reduction)	47.33%
Al2O3 (Aluminum Oxide)	0.04%
SiO3 (Silicon Dioxide)	0.24%
Fe2O3 (Ferric Oxide)	0.007%
CaO (Calcium Oxide)	31.48%
MgO (Magnesium Oxide)	20.71%
KO (Potassium Oxide)	<0.01%
Na2O (Sodium Oxide)	0.03%
TiO2 (Titanium Dioxide)	<0.01%



## Applications



Making of Solar Glass



Iron & Steel



Glass Industry



Water Treatment

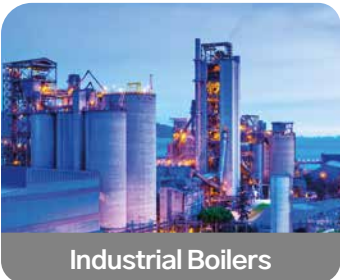
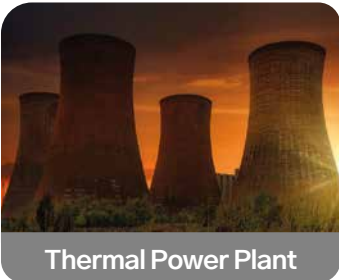


# Quartzite

Quartzite is a hard, non-foliated metamorphic rock that forms when quartz-rich sandstone undergoes intense heat and pressure over time, typically during tectonic processes. It is primarily composed of interlocking quartz grains, making it extremely durable and resistant to weathering. Kavita minechem offers best quality quartzite used as construction material, industrial application and as a refractory material.



## Applications





Crude Glycerine

# Crude Glycerine

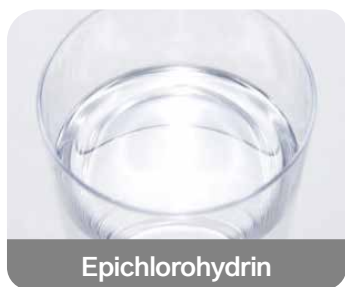
Crude glycerine, also known as crude glycerol, is a byproduct of the biodiesel production process. Although crude glycerine is not as valuable as refined glycerine due to its impurities, it has variety of uses. At Kavita Minechem, we offer Crude Glycerine 80% used for making Epichlorohydrin (ECH), industrial use like feedstock for chemical production and it can also be used for pharmaceutical after purification.

## Analysis Of Crude Glycerine

Glycerine (wt%)	81%
Water(wt%)	14%
MONG (wt%)	3.5%
Fatty acid and esters and sodium based soap (wt%)	1%
Methanol (wt%)	0.5%
PH	5.6



## Applications



Epichlorohydrin



Cattle Feed



Cosmetic Industry



Making Of Resins






# Our Clients



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