



SSMC

Syrian Saudi Mining Company

Reliable Minerals. Global Solutions.

Since 2007

 Quality You Can Trust
  Partnerships That Last
  Reliable Supply Attitudes

01 COMPANY OVERVIEW

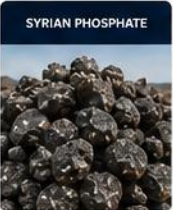
SSMC is a Syrian Saudi mining and trading company specialized in the extraction, processing and export of high-quality mineral commodities.

-  Established 2007
-  Operational pause during the war period
-  Resumed operations in the recent years
-  Upgraded all production lines and equipment to modern standards

OUR MISSION

To supply premium minerals from trusted sources in Syria and Saudi Arabia to global markets, with a primary focus on China.

02 OUR PRODUCTS



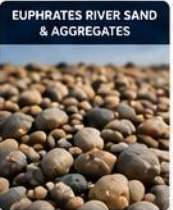
SYRIAN PHOSPHATE

Premium quality phosphate suitable for fertilizer and industrial applications.



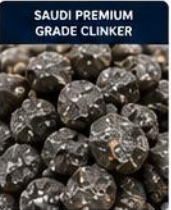
SILICA SAND (NON-RIVER SOURCE)

High-purity silica sand for glass, foundry, ceramics and industrial applications.



EUPHRATES RIVER SAND & AGGREGATES

Natural river sand, gravel and aggregates from the Euphrates River.



SAUDI PREMIUM GRADE CLINKER

High quality clinker for the production of high strength cements.

03 SYRIAN PHOSPHATE



-  High purity
-  Consistent quality
-  Competitive supply
-  Multiple size options
-  Suitable for fertilizer and industrial use

04 PROVEN EXPORT TRACK RECORD

PHOSPHATE EXPORTS



SILICA SAND EXPORTS



05 SILICA SAND (NON-RIVER SOURCE)



-  High purity (SiO₂ content upon request)
-  Low iron & impurities
-  Uniform grain size
-  For glass, foundry, ceramics, filtration and industrial uses
-  Non-river source (quarry/mined deposit)

06 EUPHRATES RIVER SAND & AGGREGATES

Source: Euphrates River – Raqqa, Syria



RIVER SUCTION DREDGER



CRUSHER PLANT



River Sand River Gravel Aggregates

07 PRODUCTION CAPACITY (MONTHLY)

Product	Monthly Capacity (MT / Month)
Syrian Phosphate	50,000 MT
Silica Sand (Non-River Source)	50,000 MT
River Sand (Euphrates)	—
River Gravel	—
Aggregates	—

Note: Capacities can be adjusted based on contract requirements.

08 EXTRACTION & PROCESSING

Modern equipment. Optimized process. Consistent quality.



CRUSHER PLANT



RIVER SUCTION DREDGER

09 SYRIAN PHOSPHATE SPECIFICATIONS

GRADE NO. 4		
Chemical Analysis (On Dry Basis)		
Component	%	
P ₂ O ₅	29.29 – 30.21	
CaO	48 – 50	
Fe ₂ O ₃	0.10 – 0.20	
Al ₂ O ₃	0.10 – 0.15	
MgO	0.50 – 0.80	
SiO ₂	7.5 – 9	
F	2 – 4	
Cl	800 – 1200 ppm	
CO ₂	7 – 9	
LOI	7 – 8	
H ₂ O	5 – 7	
P ₂ O ₅ Solubility in Citric Acid 2	35 – 40 %	
P ₂ O ₅ Solubility in Formic Acid 2	55 – 65 %	

Typical Screen Analysis (Mesh)					
Mesh No.	+18	+35	+230	–230	
Percent	4 – 6	5 – 10	70 – 80	5 – 7	

GRADE NO. 6		
Chemical Analysis (On Dry Basis)		
Component	%	
P ₂ O ₅	28.38 – 29.29	
CaO	48 – 50	
Fe ₂ O ₃	0.10 – 0.20	
Al ₂ O ₃	0.10 – 0.15	
MgO	0.70 – 1.00	
SiO ₂	7.5 – 9	
F	2 – 4	
Cl	800 – 1200 ppm	
CO ₂	7 – 9	
LOI	7 – 8	
H ₂ O	5 – 7	
P ₂ O ₅ Solubility in Citric Acid 2	35 – 40 %	
P ₂ O ₅ Solubility in Formic Acid 2	55 – 65 %	

Typical Screen Analysis (Mesh)					
Mesh No.	+18	+35	+230	–230	
Percent	4 – 6	5 – 10	70 – 80	5 – 7	

GENERAL INFORMATION

- **Loading Port:** Tartous Port, Syria (FOB Basis)
- **Vessels Size:** 3000 – 20,000 MT
- **Incoterms:** 2020
- **Loading Operation:** By electrical loading system and belt conveyor
- **Method of Analysis:** Sedimentary method



10 SAUDI PREMIUM GRADE CLINKER

Suitable for High-Strength Cement Production (CEM I 52.5 N & R / EN 197-1 & Type I / ASTM C-150)

Chemical Properties (Typical Values)	
Component	%
SiO ₂	20.90
Al ₂ O ₃	4.91
Fe ₂ O ₃	3.89
CaO	65.50
MgO	2.00
SO ₃	0.70
Cl ⁻	0.008
LOI	0.30
C ₂ S	61.50
C ₃ A	6.50
C ₄ AF	12.00

Typical Physical Properties		
Property	Unit	Typical
Fineness (Retained @ 90 µm)	%	≤ 10
Fineness (Retained @ 10 µm)	%	≥ 15
Bulk Density	g/l	≥ 1120



Complies with:

- ✓ EN 197-1 (CEM I 52.5 N & R)
- ✓ ASTM C-150 (Type I)

11 LOGISTICS & SHIPPING

Flexible logistics solutions to meet customer needs.



12 OUR MARKETS

Primary Strategic Market



Additional Target Markets



 Strategic Locations
  Abundant Natural Resources
  Modern Equipment & Upgraded Facilities
  Strict Quality Control
  Reliable Export Capability
  Competitive Partnerships

From Trusted Sources to Global Success

13 CONTACT US

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Syrian Saudi Mining Company