



PRODUCT TECHNICAL DATA SHEET

Single Super Phosphate (SSP)

Granular phosphatic fertilizer for agricultural use, blending, distribution and international bulk supply

GRANULAR FORM	P + CA + S	COA-BASED
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Single Super Phosphate is a phosphatic fertilizer containing plant-available phosphorus together with calcium sulfate. It is supplied in granular form for buyers requiring practical handling, storage, blending and field distribution. Final acceptance must always be based on the agreed specification and current lot Certificate of Analysis.



Illustrative TAS marketing image. Actual packing, marks and net weight are subject to the confirmed quotation and contract.

PRODUCT IDENTITY AND COMMERCIAL PROFILE

Core product information

Item	Description
Product name	Single Super Phosphate (SSP)
Category	Phosphatic fertilizer
Commercial form	Granular SSP
Principal components	Monocalcium phosphate and calcium sulfate (gypsum)
Primary use	Agricultural phosphorus fertilizer and fertilizer blending
Origin	Egypt - subject to current transaction documents

KEY BUYER CONSIDERATIONS

What procurement teams should confirm

Nutrient value

Supplies available phosphorus and contributes calcium and sulfur to fertilizer programs.

Quality control

Analysis, moisture, granule distribution and hardness should be confirmed for every lot.

Granular handling

Granular form supports storage, transport, blending, distribution and field application.

Commercial flexibility

Bulk, jumbo bags and buyer-specific packing can be discussed for FOB, CFR or CIF supply.



REFERENCE LABORATORY ANALYSIS

Supplied granular SSP sample - not a standing sales guarantee

The values below reproduce the supplied granular SSP laboratory report. Private client, laboratory, address, signature and report-reference details are intentionally excluded. The results apply only to the tested sample and must not be represented as a permanent product specification.

Parameter	Result	Unit	Method / basis
Moisture - as received	2.70	%	ABNT NBR 5771/2020 (5.1)
Moisture - analytical	4.15	%	AOAC 950.01/2019
Total P2O5 - wet basis	21.12	%	MAPA 2.2/2014
Total P2O5 - dry basis	22.03	%	Calculation
Water-soluble P2O5 - wet basis	15.58	%	MAPA 4.2/2014
Water-soluble P2O5 - dry basis	16.25	%	Calculation
Water + citrate soluble P2O5 - wet basis	20.26	%	MAPA 4.2/2014
Water + citrate soluble P2O5 - dry basis	21.14	%	Calculation
Free acidity	4.55	%	Titrimetric method
Granule hardness	2.43	kgf/unit	IFDC S-115

PARTICLE-SIZE DISTRIBUTION

Reference sample sieve analysis

Size fraction	Result	Unit	Method
> 4.75 mm	13.82	%	IFDC S-107
2.00 - 4.75 mm	80.76	%	IFDC S-107
1.00 - 2.00 mm	5.23	%	IFDC S-107
< 1.00 mm	0.19	%	IFDC S-107

Reference-sample summary

Total P2O5 was 21.12% wet basis and 22.03% dry basis. Water-soluble P2O5 was 15.58% wet basis and 16.25% dry basis. Water + citrate soluble P2O5 was 20.26% wet basis and 21.14% dry basis. Moisture, free acidity, hardness and size distribution must be confirmed for the current shipment lot.

Important analytical note: the two moisture results are reported on different stated bases / methods and should not be merged or substituted without laboratory clarification.



APPLICATIONS, SUPPLY AND HANDLING

Commercial use and shipment preparation

No.	Typical application
01	Direct agricultural phosphorus fertilizer use
02	Fertilizer blending and compound fertilizer programs
03	Distribution through agricultural input and dealer networks
04	Bulk import programs for farming projects and national supply chains

COMMERCIAL AND PACKING INFORMATION

Points to settle before quotation

Commercial form

Granular SSP is the primary form in this data sheet. Alternative forms require separate confirmation.

Packing options

Bulk vessel loading, jumbo bags and buyer-specified bagging may be discussed according to order size.

Shipment terms

FOB, CFR and CIF quotations depend on quantity, destination port, freight and availability.

Documentation

Current COA and applicable origin, packing, inspection and shipping documents should be agreed before dispatch.

STORAGE AND HANDLING GUIDANCE

Minimum practical controls

- Store in a dry, covered and well-ventilated area.
- Protect from rain, standing water and excessive humidity.
- Keep bags or bulk material away from contamination and incompatible materials.
- Use suitable dust-control measures and personal protective equipment.
- Apply first-in, first-out stock rotation for extended storage.
- Confirm destination-market fertilizer, transport and labeling requirements.



INFORMATION REQUIRED FOR A SERIOUS QUOTATION

Complete RFQ data for faster commercial review

RFQ field	Buyer information required
Product form	Granular SSP or another specifically requested form
Required specification	P2O5 values and analytical basis, moisture, free acidity, granule size and hardness
Quantity	Metric tons per shipment and expected monthly or annual program
Packing	Bulk, jumbo bags or smaller bags; liner and pallet requirements if applicable
Destination	Country, discharge port and final delivery point
Commercial terms	FOB, CFR, CIF or another agreed Incoterm
Documents	COA, origin, inspection and destination-specific documents as applicable
Timing	Target shipment window and required delivery schedule

FINAL QUALITY BASIS

Documents controlling shipment acceptance

Current COA

The current lot Certificate of Analysis is the controlling technical reference for shipment acceptance.

Agreed specification

Buyer and seller should agree values, tolerances, methods and acceptance criteria in writing.

Sampling procedure

Sampling and testing procedures should be stated clearly where independent inspection is required.

Destination compliance

Labeling, registration, nutrient claims and transport requirements must be checked for the destination market.

Quality and legal notice

This document is a branded product information sheet and is not a Certificate of Analysis, contract, warranty, regulatory registration or declaration of conformity. The laboratory values shown apply only to the tested reference sample. Product suitability, nutrient claims, tolerances, test methods, packaging, labeling and legal compliance must be verified for the destination market. Final acceptance should be based on the current lot COA, agreed sampling procedure and signed sales contract.

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