ZHR *TRADING*

PHOSPHORUS · FERTILIZERS · NEW ENERGY

COMPANY PROFILE 2026

GLOBAL COMMODITY PARTNER

Phosphorus · Fertilizers · New Energy Materials — Global Trade

ZHR TRADING

www.zhrtrading.com | HONG KONG

MESSAGE FROM MANAGEMENT

Serving the phosphorus value chain, worldwide.

Phosphorus is one of the few elements the world cannot do without — from the food we grow to the batteries of the future. ZHR TRADING was built to move it: from the mines and plants of China and the Middle East to end markets across Asia, Africa and Latin America.

We are a cross-border commodity desk with one rule above all: every cargo ships on an irrevocable documentary letter of credit, inspected by SGS or CCIC, and cleared against strict sanctions and KYC checks. Reliability is the product we trade first.

As global phosphorus supply chains rebalance, we stand ready with stable sourcing, disciplined risk management and honest execution.



GLOBAL FARM & FIELD

Feeding supply chains across three continents

THE MANAGEMENT TEAM

ZHR TRADING · HONG KONG

A CROSS-BORDER COMMODITY DESK

Sulphur · Phosphate · Potash · Fluorspar · Industrial Minerals

ZHR TRADING

ABOUT US

One desk, the entire phosphorus value chain.

Headquartered in Wuhan, ZHR Trading is an international trading company with offices in Hong Kong and Beijing, connecting China's leading industrial producers with buyers across Asia, the Middle East, Africa and Latin America.

Our core strength lies in phosphorus chemistry — from phosphate rock and yellow phosphorus to phosphoric acid, phosphate fertilizers and fine phosphate salts — supported by deep relationships with state-owned mills and independent plants across China's main production regions.

We operate as a full-service desk: origination, quality control, documentation, logistics and trade finance under one roof.

AT A GLANCE

WH
Headquartered in Wuhan

5+
Commodity verticals traded

30+
Countries in our trade network

DLC



OUR PRODUCTION PARTNERS

From mine to mill, we know every step

WHY PHOSPHORUS

A mineral that feeds the world — and powers it.

Phosphorus is irreplaceable in agriculture, food, electronics and energy storage. China leads nearly every link of this chain.



CHINA'S PHOSPHORUS POWERHOUSE

Phosphate and fertilizer warehousing, at industrial scale

82.6%

YELLOW PHOSPHORUS CAPACITY

China controls 82.6% of global P4 capacity (145 of 175.5 Mt, 2024). Yunnan alone produces 44.4% of world output — the industry's centre of gravity.

45.8%

GLOBAL PHOSPHATE ROCK OUTPUT

China produced ~1.1 billion tonnes of phosphate rock in 2024 — 45.8% of the world's ~2.4 billion tonnes.

68.6%

GLYPHOSATE CAPACITY

China holds 68.6% of global glyphosate capacity (81 of 118 Mt) — the world's #1 herbicide, exported worldwide.

TOP 4

PHOSPHATE FERTILIZER EXPORTER

China ranks among the world's top-four MAP/DAP exporters alongside Morocco, Russia and Saudi Arabia — 67-68 Mt global market (2024-25).

THE VALUE CHAIN

From rock to battery & field

01 · ROCK

Phosphate Rock

P2O5 28-34%. The mineral origin of all phosphorus chemistry.

02 · ELEMENT

Yellow Phosphorus

P4 99.9%. Furnace-grade element, the base of thermal phosphate routes.

03 · ACID

Phosphoric Acid

Thermal & wet-process; industrial, food and electronic grades.

04 · SALTS

Phosphates & Fertilizers

DAP, MAP, TSP, STPP, food & feed phosphates, fine salts.

05 · END USE

Field & Battery

Crop nutrition, food additives, water treatment, LFP batteries.

ORIGINATION IN CHINA'S PHOSPHORUS HEARTLAND · DELIVERED TO GLOBAL MARKETS

OUR SERVICES

A full-service commodity desk.

ORIGINATION & SOURCING

Direct contracts with producers across Yunnan, Guizhou, Hubei and Sichuan — the core of China's phosphorus industry — plus the Middle East supply base.

QUALITY CONTROL

Pre-shipment inspection by SGS or CCIC, strict spec verification, third-party weighing and sampling at every loading point.

LOGISTICS & DELIVERY

Sea freight, rail and cross-border trucking — Alashankou rail gateway, main ports of China, and multimodal routing to inland buyers.

TRADE FINANCE & SETTLEMENT

Settlement by irrevocable documentary letter of credit only (UCP 600, MT700), with full documentation services under CIF / CFR terms.



SERVICE YOU CAN BANK ON

One desk for origination, QC, logistics and settlement

BUSINESS SCOPE

One network across three continents.

SOURCING ORIGINS

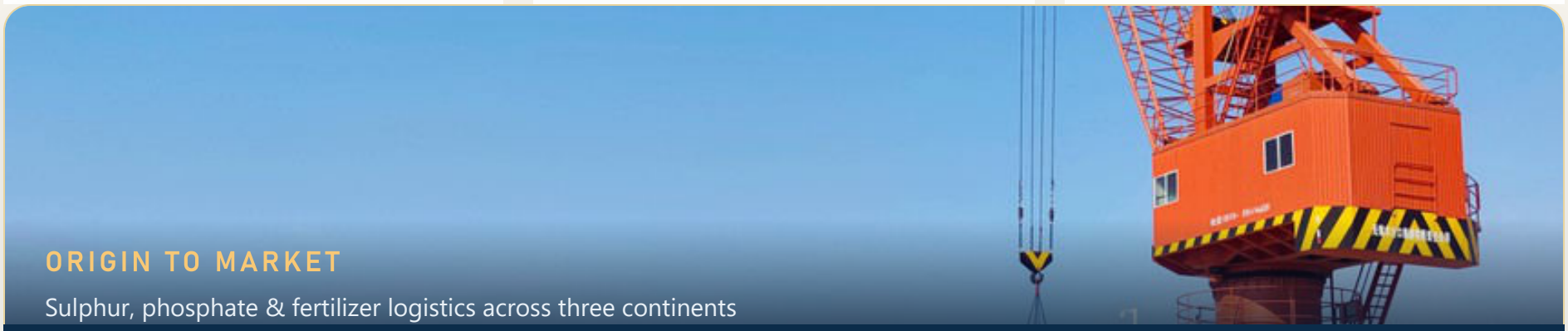
China's phosphorus heartland (Yunnan, Guizhou, Hubei, Sichuan) · Middle East sulphur & phosphate partners

KEY BUYING MARKETS

Southeast Asia · South Asia · Middle East · Africa · Latin America — fast-growing agricultural and industrial economies

COMMODITIES TRADED

Phosphate rock · Yellow phosphorus · Phosphoric acid · DAP/MAP/TSP · STPP/SHMP · Glyphosate · Feed phosphates · LFP materials



ORIGIN TO MARKET

Sulphur, phosphate & fertilizer logistics across three continents

SUPPLY FROM CHINA'S STRONGEST PRODUCERS

STATE-OWNED MILLS · INDEPENDENT PLANTS · LONG-TERM FRAMEWORK AGREEMENTS

30+

OUR CAPABILITIES

Built to execute, discipline at every step.

RISK & COMPLIANCE

Sanctions screening and KYC on every counterparty. One settlement standard worldwide: irrevocable DLC (UCP 600, MT700).

MARKET INTELLIGENCE

Dedicated research desk tracking prices, freight, supply and policy shifts across the phosphorus complex — in-house data, daily.

DOCUMENTATION

Full LC drafting and checking, CIF/CFR documents, certificates of origin, inspection and insurance — clean at first presentation.

PRICE & FREIGHT RISK

Structured hedging of price and freight exposure; long-term framework contracts with producers for supply stability.

OUR VISION

MOVE PHOSPHORUS

To be the most trusted bridge between the world's strongest phosphorus producers and the markets that need them most — recognized for equal parts reach, reliability and integrity.



"RELIABILITY IS THE PRODUCT WE TRADE FIRST."

OUR MISSION

CONNECT & DELIVER

To deliver every cargo on spec, on time and on the agreed terms — connecting Chinese phosphorus producers with the world through honest trading, rigorous quality control and unquestioned payment discipline.



ON SPEC · ON TIME · ON TERMS

FIVE CORE PRODUCTS

Five Core Products · Global Competitiveness

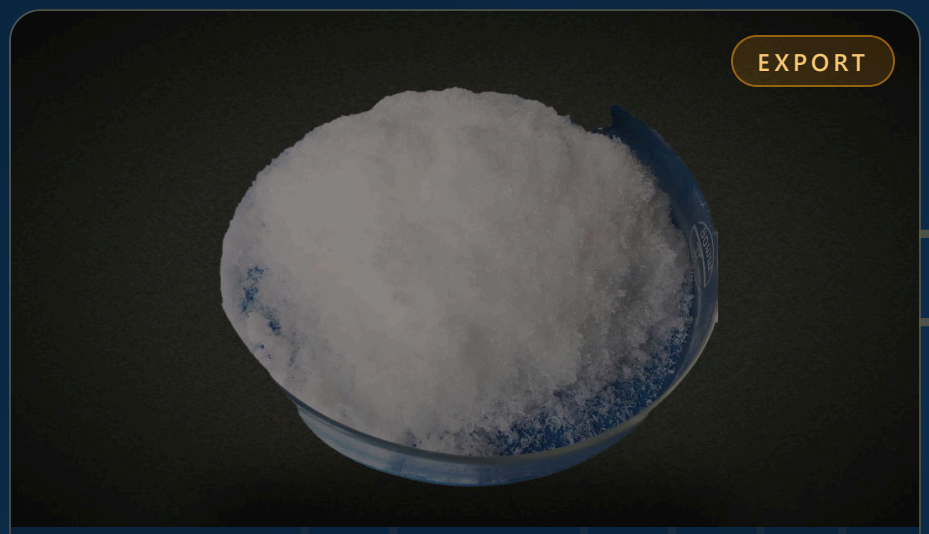


01 · UREA

NITROGEN FERTILIZER · EXPORT

China holds ~1/3 of global urea capacity; FOB prices sit near the cost floor with an open export window.

LARGEST N-CAPACITY | 2026 QUOTA 5-6 MT



02 · PHOSPHATES & P-CHEM

DAP / MAP / STPP / CHEMICALS · EXPORT

45.8% of global phosphate rock; top-tier DAP exports; full-spectrum fine phosphate leadership.

ROCK 45.8% | P4 82.6% | TOP-4 DAP EXPORT



03 · SULPHUR

ELEMENTAL SULPHUR · IMPORT

Feedstock at the head of the fertilizer chain; steady Middle East / Central Asia supply.

WORLD'S #1 IMPORTER



04 · POTASH

MOP / GRANULAR · IMPORT

Deep import dependence, world's largest volumes; Russia / Belarus / Laos multi-sourcing.

DEPENDENCE 50-70% | 2026 +47.6%



05 · FLUORSPAR

ACID-GRADE FLUORSPAR · IMPORT

The "second rare earth" — strategic mineral, reserves & output ranked world No.1.

RESERVES #1 | 2025 IMPORTS +42.3%

OUR PRODUCTS · 01

Phosphate Fertilizers & Rock

DAP
TOP-4 EXPORTER

Di-Ammonium Phosphate 18-46-0, granular. The world's leading phosphate fertilizer — China ranks among the top-4 global exporters vs Morocco, Russia, Saudi Arabia.

MAP
GLOBAL GRADE

Mono-Ammonium Phosphate 11-44-0 / 12-54-6. Premium water-soluble P source for NPK blending and direct application.

TSP
46% P2O5

Triple Super Phosphate, granular 44-46% P2O5. Light-grey granules, high concentration — standard for global straight-P programs.

PHOSPHATE ROCK
45.8% SHARE

P2O5 28-34%, as-mined and beneficiated. China supplies 45.8% of the world's 2.4 Bt annual rock output.

MKP
HIGH-PURITY

Mono-Potassium Phosphate 0-52-34, crystal & powder. Fully water-soluble premium NPK input for fertigation and hydroponics.

NPK COMPOUND
CUSTOM BLEND

NPK 15-15-15, 16-16-16 and tailor-made ratios. China's integrated phosphorus-ammonia base delivers full-grade flexibility.

OUR PRODUCTS · 02

Phosphorus Chemicals & New Energy

YELLOW PHOSPHORUS

82.6% CAPACITY

P4 99.9% min, 200kg drum. China controls 82.6% of global capacity — the strategic base of the entire thermal phosphate chain.

PHOSPHORIC ACID

TOP SUPPLIER

Thermal 85% & wet-process, industrial / food / electronic grades. China is the world's top supplier of thermal phosphoric acid.

GLYPHOSATE

68.6% CAPACITY

95% TC, 41% IPA, 62% IPA. The world's #1 herbicide — China holds 68.6% of global capacity and supplies virtually all export demand.

SODIUM TRIPOLYPHOSPHATE (STPP)

WORLD #1

Food & industrial grade, 68% P_2O_5. China leads global STPP production and exports food-grade material worldwide.

SODIUM HEXAMETAPHOSPHATE (SHMP)

EXPORT LEADER

Food & industrial grade. China is the leading global exporter for water treatment, food processing and ceramics.

FEED PHOSPHATES

RELIABLE SOURCE

DCP / MCP 16-22% P. China's feed-phosphate producers rank among the world's most reliable suppliers for animal nutrition.

OUR PRODUCTS · 03

New Energy & Fine Phosphates

SODIUM HYPOPHOSPHITE — GLOBAL LEADER

NaH2PO2 99-100%. Electroless nickel plating, industrial catalyst & flame retardant. China's producers lead the world.

LFP CATHODE MATERIAL — ENERGY STORAGE

Battery-grade lithium iron phosphate. China dominates the global LFP supply chain — the fastest-growing phosphorus end market.

IRON PHOSPHATE — BATTERY ROUTE

FePO4 for LFP precursors. A key pipeline product riding the energy-storage boom, supplied from China's integrated plants.

FINE PHOSPHATES — WIDE RANGE

SAPP, TSPP, DKP, MKP & specialty food/tech phosphates. China's fine-phosphate cluster covers the full spectrum of grades.

> **PHOSPHORUS IN EVERY FUTURE**
>
> Agriculture, food, feed, water treatment, electronics, flame retardants and energy storage — one element, one supply chain, delivered by one desk.

GLOBAL NETWORK

Where we operate

CHINA — SOURCING BASE

Yunnan · Guizhou · Hubei · Sichuan — phosphorus rock, yellow phosphorus, phosphoric acid, fertilizers & fine salts

SOUTHEAST ASIA

Vietnam · Indonesia · Philippines · Malaysia · Thailand — fertilizer and industrial phosphate demand

SOUTH ASIA & MIDDLE EAST

India · Pakistan · Bangladesh · GCC — the largest and most liquid phosphate fertilizer import markets

AFRICA & LATIN AMERICA

Kenya · Nigeria · Brazil · Peru — the fastest-growing frontier for phosphate fertilizers and crop nutrition

WORKING WITH PRODUCERS, TRADERS & END BUYERS **30+**

ZHR TRADING

CONTACT US

Let's talk phosphorus.

DESK
desk@zhrtrading.com

RESEARCH
research@zhrtrading.com

COMPLIANCE
compliance@zhrtrading.com

WEBSITE
www.zhrtrading.com

WHATSAPP
+852 6174 7656

OFFICES

WUHAN (HQ)	12F, Bldg B4, Optics Valley Financial Harbor, Wuhan, China
HONG KONG OFFICE	Hong Kong, China
BEIJING OFFICE	Beijing, China

ZHR TRADING

GLOBAL COMMODITY PARTNER · HONG KONG

Irrevocable DLC only (UCP 600 · MT700) · SGS / CCIC pre-shipment QC · Sanctions & KYC on every counterparty