Fluorspar

Metals

The mineral form of calcium fluoride, mined as acid-grade, ceramic and metallurgical grades and used to make hydrofluoric acid, the starting point of most fluorine chemistry.

Key facts

World production, 2025
10 million tonnes

Top producer
China, 60%

Top exporter, acid-grade fluorspar (HS 252922), 2024
Mexico, 37% of export value

HS code
252922 Fluorspar, more than 97% calcium fluoride

USGS MCS item
Mine production Mine production

Also called
fluorite, calcium fluoride, CaF2, acidspar, metspar

Top producers, 2025

Country	Tonnes	Share
China	6 million	60%
Mongolia	1.5 million	15%
Mexico	1.5 million	15%
South Africa	410,000	4.1%
Vietnam	160,000	1.6%

USGS Mineral Commodity Summaries, MCS 2026.

Top exporters, 2024

Country	Export value	Share
Mexico	195.8 million USD	37%
South Africa	155.1 million USD	30%
China	49.7 million USD	9.5%
Spain	35.3 million USD	6.8%
Vietnam	24.5 million USD	4.7%

CEPII BACI international trade database (HS22, V202601).

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