

GadoliniumOxide.com

Global Gadolinium Oxide (Gd₂O₃) Suppliers, Manufacturers & Distributors Directory

Public websites, product pages, contact details, documentation routes and buyer qualification checklist

Material	Gadolinium Oxide (Gd ₂ O ₃)
CAS	12064-62-9
Coverage	29 verified companies + global supplier-discovery pages
Regions	United States / Global, Europe, Japan, China, India
Last checked	7 September 2026

Important: this is a verified working directory built from public sources. It is not possible to prove that a public web list contains every company worldwide. Supplier status, ownership, product availability, specifications and contact details can change; buyers should re-verify before purchase.

Prepared as a public reference attachment for the Gadolinium Oxide Forum.

How to use this directory

I am building a public global directory of companies connected to gadolinium oxide (Gd₂O₃, CAS 12064-62-9).

This list focuses on companies for which I could verify a public product page, catalog entry, SDS/COA, company page, or supplier page. It is not possible to prove that any public web list contains literally every company in the world, so this should be treated as a verified working directory that can be expanded over time.

Last checked: 7 September 2026.

When contacting suppliers, buyers should normally ask for:

- Purity basis (for example Gd₂O₃/REO, TREO, trace-metals basis)
- TREO
- Individual rare-earth impurities
- Fe, Si, Ca, Al, Na, Cl and other non-rare-earth impurities
- Particle size / D10 / D50 / D90
- BET surface area if relevant
- LOI / moisture
- Crystal phase if relevant
- COA
- SDS
- Country of origin
- Packaging
- MOQ
- Lead time
- Incoterms
- Export documentation

Directory sections

- United States / Global Material Suppliers - 11 companies
- Europe - 5 companies
- Japan - 5 companies
- China - 7 companies
- India - 1 company
- Global supplier-discovery pages
- Buyer checklist before qualifying a supplier

United States / Global Material Suppliers

1) American Elements

Country: United States / global

Role: Advanced materials manufacturer and supplier.

Gd2O3 offering: Powder, nanoparticles, pellets, pieces, tablets, sputtering targets and other forms; product pages list purities from 99% to 99.999% and higher variants.

Product:

<https://www.americanelements.com/gadolinium-oxide-12064-62-9>

Company / contact:

<https://www.americanelements.com/>

Phone: +1 310-208-0551

Email: customerservice@americanelements.com

Address: 1833 Centinela Avenue, Santa Monica, CA 90404, USA

Notes: Public product pages include SDS and technical data links.

2) Stanford Advanced Materials (SAM)

Country: United States / global

Role: Advanced materials supplier serving research and industrial applications.

Gd2O3 offering: Gadolinium oxide powder, high-purity grades and Gd2O3 evaporation materials.

Product:

<https://www.samaterials.com/gadolinium-compound/1082-gadolinium-oxide.html>

Gadolinium products:

<https://www.samaterials.com/191-gadolinium.html>

Evaporation material:

<https://www.samaterials.com/rare-earth-element/687-gadolinium-oxide-evaporation-materials.html>

Email: sales@samaterials.com

Phone: +1 949-407-8904

Notes: Public COA and SDS examples are available on the site.

3) Thermo Fisher Scientific / Thermo Scientific Chemicals

Country: United States / global

Role: Global laboratory, research and industrial chemical supplier.

Gd2O3 offering: 99.9% REO, 99.99% REO, 99.999% REO and other catalog grades; legacy Alfa Aesar / Acros items are now under Thermo Scientific Chemicals.

99.9%:

<https://www.thermofisher.com/order/catalog/product/036355.22>

99.99%:

<https://www.thermofisher.com/order/catalog/product/011290.30>

99.999%:

<https://www.thermofisher.com/order/catalog/product/011289.14>

Contact:

<https://corporate.thermofisher.com/us/en/index/contact-us.html>

US general product inquiries: +1 800-556-2323

China chemical customer service: +86 21 2085 1522 / 400-610-6006

China pre-sales email: alfaesar.sales-china@thermofisher.com

Notes: Product pages support RFQ, technical documents and bulk/custom enquiries.

4) Sigma-Aldrich / Merck

Country: Global

Role: Major laboratory and research chemical supplier.

Gd2O3 offering: Multiple purity grades plus nanopowder.

99.9% trace metals basis:

<https://www.sigmaaldrich.com/US/en/product/aldrich/278513>

99.99% trace metals basis:

<https://www.sigmaaldrich.com/US/en/product/aldrich/203297>

Nanopowder:

<https://www.sigmaaldrich.com/US/en/product/aldrich/637335>

Contact: Use local Sigma-Aldrich / Merck customer service or the product-page "Request a Custom Order" / document functions.

Notes: COA/COO access is available for many catalog items.

5) Goodfellow

Country: United Kingdom / global offices

Role: Specialty and advanced materials supplier.

Gd2O3 offering: High-purity gadolinium oxide powder; the current product group includes high-purity configurations and SDS access.

Product:

<https://www.goodfellow.com/uk/gadolinium-oxide-powder-group>

Contact:

<https://www.goodfellow.com/global/contact-us>

UK phone: +44 1480 424800

Email: info@goodfellow.com

US phone: +1 800-821-2870

US email: ing@goodfellow.com

China phone: +86 21 5299 7072

China email: china@goodfellow.com

Notes: Offers research quantities and larger-quantity enquiries.

6) ProChem, Inc.

Country: United States

Role: High-purity inorganic and metal-organic chemical manufacturer/supplier.

Gd2O3 evidence / SDS:

<https://prochemonline.com/wp-content/uploads/2021/06/1836.GadoliniumOxide.pdf>

Company:

<https://prochemonline.com/>

Phone: +1 815-398-1788

Toll free: +1 800-795-8788

Address: 826 Roosevelt Road, Rockford, IL 61109, USA

Notes: Public SDS identifies ProChem as the manufacturer of product 1836.

7) Noah Chemicals / Noah Technologies

Country: United States

Role: Producer and supplier of inorganic, specialty and custom chemicals.

Gd2O3 offering: 99.999% pure, -325 mesh catalog product.

Product:

<https://store.noahchemicals.com/products/inorganics/v11701-gadolinium-oxide-99999-pure--325-mesh-gd2o3>

Contact:

<https://store.noahchemicals.com/contactus>

Sales: +1 888-291-1186

Office: +1 210-691-2000

Email: solutions@noahtech.com

Address: 1 Noah Park, San Antonio, TX 78249-3419, USA

Notes: Company states it supplies research through production-scale quantities and custom materials.

8) ESPI Metals

Country: United States

Role: High-purity metals and inorganic materials supplier.

Gd2O3 evidence:

<https://www.espimetals.com/msds/566-Gadolinium%20Oxide>

Shop/search:

<https://shop.espimetals.com/>

Phone: +1 541-488-8311

Toll free: +1 800-638-2581

Email: sales@espimetals.com

Address: 1050 Benson Way, Ashland, OR 97520, USA

Notes: Public listings include Gd2O3 pieces and high-purity material.

9) US Research Nanomaterials, Inc.

Country: United States

Role: Nanomaterials and advanced powder supplier.

Gd2O3 offering: Micron powder and 10-100 nm nanopowder.

Micron powder:

<https://www.us-nano.com/inc/sdetail/10047>

Nanopowder:

<https://www.us-nano.com/us3240>

Company:

<https://www.us-nano.com/>

Sales phone: +1 832-359-7887

Email: Service@us-nano.com

Technical email: Tech@us-nano.com

Notes: Product pages show impurity information and particle-size options.

10) SkySpring Nanomaterials, Inc.

Country: United States

Role: Nanopowder, micron powder and rare-earth materials supplier.

Gd2O3 page:

https://www.ssnano.com/gadolinium_oxide_gadolinium_metal

Product:

<https://ssnano.com/inc/sdetail/gadolinium-oxide-powder--gd2o3--99-9--/44332>

Contact:

<https://ssnano.com/contact>

Phone: +1 281-870-1700

Email: sales@ssnano.com

Address: 2935 Westhollow Drive, Houston, TX 77082, USA

Notes: Lists Gd2O3 nano and micron powders with different particle sizes.

11) Nanoshel

Country: United Kingdom / India / international sales

Role: Nanomaterials and specialty powder supplier.

Gd2O3 nanoparticles:

<https://www.nanoshel.com/product/gadolinium-oxide>

Micron powder:

<https://www.nanoshel.com/product/gadolinium-oxide-powder>

Sputtering target:

<https://www.nanoshel.com/product/gadolinium-oxide-sputtering-target>

Email: sales@nanoshel.com

Email: cmg@nanoshel.com

USA sales/research: +1 646-470-4911

UK: +44 1782-454-144

India: +91 9779550077 / +91 9779238252

Notes: Site provides MSDS, specifications, COA links and several forms of Gd2O3.

Europe

12) abcr GmbH

Country: Germany

Role: Specialty and research chemicals supplier.

Gd2O3 offering: 99.999% gadolinium oxide and nano Gd2O3 products.

5N product:

https://abcr.com/de_en/ab101782

Nano product:

https://abcr.com/ch_en/ab255210

Phone: +49 721 95061-0

Email: info@abcr.com

Notes: Product pages publish physical data and safety classification.

13) Glentham Life Sciences

Country: United Kingdom / Germany

Role: Research and specialty chemical supplier.

Gd2O3 product:

<https://www.glentham.com/en/products/product/GX6036/>

Contact:

<https://www.glentham.com/en/contact/>

UK phone: +44 1225 667798

Germany phone: +49 89 24413117

Email: info@glentham.com

Notes: Public COA examples exist for ultra-high-purity Gd2O3, including 99.9999% product records.

14) PROJECTOR

Country: Germany

Role: Industrial raw-material and rare-earth supplier.

Gd2O3 product:

<https://www.projector-germany.de/en/products/gadolinium-oxide/>

Phone: +49 203 929560

Email: info@projector-germany.de

Address: Königstrasse 68-70, 47051 Duisburg, Germany

Notes: Positions Gd2O3 for industrial applications including optics, medical technology and nuclear-related applications.

15) Gallium Global GmbH

Country: Germany

Role: Commercial critical-materials supplier.

Gd2O3 5N:

<https://galliumglobal.de/product/gadolinium-oxide-gd%E2%82%82o%E2%82%83-5n/>

Contact:

<https://galliumglobal.de/contact/>

Phone: +49 2151 42151

General: info@galliumglobal.de

Sales: sales@galliumglobal.de

RFQ: quotes@galliumglobal.de

Address: Römerberg 36, 60311 Frankfurt am Main, Germany

Notes: Commercial RFQ route for purity, quantity, destination and documentation requirements.

16) Nanografi Advanced Materials

Country: Türkiye / international offices

Role: Nanotechnology and advanced-materials company.

Gd2O3 micron powder:

<https://shop.nanografi.com/microparticles/gadolinium-oxide-gd2o3-micron-powder-purity-99-99-size-325-mesh/>

Gd2O3 nanoparticles:

<https://shop.nanografi.com/nanoparticles/gadolinium-oxide-gd2o3-nanopowder-nanoparticles-purity-99-99-size-13-95-nm/>

Contact:

<https://nanografi.com/contact-us/>

Phone: +90 312 285 85 09

Email: info@nanografi.com

Sales: sales@nanografi.com

Head office: METU Technopolis, Çankaya, Ankara, Türkiye

Notes: Offers nano and micron Gd2O3 products.

Japan

17) FUJIFILM Wako Pure Chemical Corporation

Country: Japan / global

Role: Major Japanese laboratory chemical, specialty chemical and reagent manufacturer.

Gd2O3 offering: 99.9% product with SDS, specification and COA access.

Product:

<https://labchem-wako.fujifilm.com/asia/product/detail/W01W0107-0456.html>

Company:

<https://www.fujifilm.com/ffwk/en/about/company-profile>

Japan phone: +81 6-6203-3741

Head office: 1-2 Doshomachi 3-Chome, Chuo-ku, Osaka 540-8605, Japan

Europe: +49-2131-311-0

US: +1-804-271-7677

Notes: Strong documentation support including SDS, specification sheets and lot COAs.

18) KANTO CHEMICAL CO., INC.

Country: Japan

Role: Major reagent, high-purity chemical and electronic-material supplier.

Gd2O3 catalog:

<https://cica-catalog.kanto.co.jp/english/search?index=G>

High-purity Gd2O3:

<https://cica-web.kanto.co.jp/CicaWeb/servlet/wsji.front.LogonSvlt?ReqItem=17000-13>

Ultrafine Gd2O3:

<https://cica-web.kanto.co.jp/CicaWeb/servlet/wsji.front.LogonSvlt?ReqItem=17000-53>

Contact:

<https://www.kanto.co.jp/english/contact.html>

International reagent phone: +81 3-6214-1092

Email: kanto-61@kanto.co.jp

Notes: Catalog includes high-purity 3N5 and ultrafine Gd2O3 with SDS/specification/inspection certificate access.

19) Kojundo Chemical Laboratory Co., Ltd.

Country: Japan

Role: High-purity materials producer.

Gd2O3 SDS:

https://www.kojundo.co.jp/dcms_media/other/GDO01PAG.pdf

Company:

<https://www.kojundo.co.jp/>

Phone: +81 49-284-1511

Fax: +81 49-284-1351

Address: 5-1-28 Chiyoda, Sakado, Saitama 350-0284, Japan

Notes: Public SDS lists 99.9% Gd2O3 powder and target/tablet forms.

20) KISHIDA CHEMICAL Co., Ltd.

Country: Japan

Role: Research, analytical, fine-chemical and electronic-material reagent supplier.

Gd2O3 product:

<https://www.kishida.co.jp/product/catalog/detail/id/5744>

Company:

<https://www.kishida.co.jp/english/com/index.html>

Head office phone: +81 6-6946-8061

Overseas business: +81 3-5625-5546

Address: 3-1 Honmachibashi, Chuo-ku, Osaka 540-0029, Japan

Notes: Product page lists 99.99% Gd2O3 with SDS, specification and COA access.

21) JUNSEI CHEMICAL CO., LTD.

Country: Japan

Role: Laboratory and industrial chemical supplier/manufacturer.

Gd2O3 SDS:

<https://www.junsei.co.jp/productsearch/msds/32075jise.pdf>

Company:

<https://www.junsei.co.jp/>

Sales phone: +81 48-988-6161

Export & Import Department: +81 48-988-8714

SDS contact email: shiyaku-t@junsei.co.jp

Notes: Public SDS identifies Gd2O3 content above 99.99%.

China

22) Ganzhou Zhanhai New Material Technology Co., Ltd.

Country: China

Role: High-purity rare-earth deep-processing manufacturer.

Company:

<https://en.gzzhanhai.com/>

Product summary:

<https://en.gzzhanhai.com/html/products/product/>

Contact:

<https://en.gzzhanhai.com/html/contact/Contactus/>

Business phone: +86 797-8459772

Email: sales@gzzhanhai.com

Factory: Shuixi Nonferrous Metallurgy Base, Ganzhou, Jiangxi, China

Notes: Its product summary lists Gd2O3 across 99.99%, 99.995%, 99.999%, 99.9995% and 99.9999%, plus nano/micro/submicron variants.

23) Ganzhou Nanocrystal New Material Co., Ltd.

Country: China

Role: Rare-earth oxide and advanced powder supplier/manufacturer.

Gd2O3 product:

<https://www.gznanocrystal.com/product/gadolinium-oxide.html>

Company:

<https://www.gznanocrystal-rareearth.com/>

Phone: +86 797-8109373

Mobile: +86 18907979787

Email: sales@gznanocrystal.com

Address: Caizhi Building A2014, No. 18 Xingguo Road, Ganzhou, Jiangxi, China

Notes: Product page describes 99.99% Gd2O3 and adjustable specifications.

24) Ganzhou Wanfeng Advanced Materials Technology Co., Ltd.

Country: China

Role: Rare-earth materials producer/supplier.

Company:

<https://www.gzwfcm.com/>

Product reference:

<https://wanfengtech.en.made-in-china.com/product/zNFQmUGjSpW/China-5n5-99-9995-Gadolinium-Oxide-White-Powder.html>

Notes: Public supplier listings show Gd2O3 from 3N through 5N5 and bulk industrial quantities.

Contact: Use the official company website enquiry channel.

Location: Ganzhou, Jiangxi, China.

25) Shanghai Epoch Material Co., Ltd.

Country: China

Role: Rare-earth materials manufacturer/exporter.

Company:

<https://www.epomaterial.com/>

Contact:

<https://www.epomaterial.com/contact-us/>

Phone / WhatsApp: +86 17717679251

Email: delia@epomaterial.com

Email: info@epomaterial.com

Address: No. 1588 Lianhang Road, Minhang District, Shanghai, China

Notes: Company states it produces/exports rare-earth oxides, metals, alloys, chlorides, nitrates and nano materials.

26) Anhui Fitech Material Co., Ltd.

Country: China

Role: High-purity metals, special oxides and chemical-material supplier/manufacturer.

Company:

<https://www.fitechchem.com/>

Gd2O3 COA example:

<https://www.topfitech.com/uploads/CAS12064-62-9-GADOLINIUM-OXIDECO.pdf>

Phone: +86 551-65566870

Email: info@fitechchem.com

Location: Hefei, Anhui, China

Notes: Public COA example includes TREO, Gd2O3 purity, D50 and impurity data.

27) Shanghai Theorem Chemical Technology Co., Ltd.

Country: China

Role: Chemical and advanced-materials supplier.

Gd2O3 page:

<https://m.theoremchem.com/gadolinium-oxide/>

Phone: +86 18321679576

Email: info@theoremchem.com

Notes: Site lists conventional and nano gadolinium oxide products.

28) Ruisen / RareEarth-Oxide.com

Country: China

Role: Rare-earth oxide supplier website.

Gd2O3 page:

<https://rareearth-oxide.com/gadolinium-oxide-gd2o3/>

Product range stated on site: 99.9% to 99.999% Gd2O3 with customizable purity and particle size.

Contact: Use the website RFQ/contact form.

Note: Any certification, partnership or authorization claim should be independently verified by the buyer before qualification.

India

29) Sihauli Chemicals

Country: India

Role: Chemical supplier.

Gd2O3 product:

<https://www.sihaulichemicals.co.in/product-page/gadolinium-oxide>

Email: sales@sihaulichemicals.com

Email: purchase@sihaulichemicals.com

Office: Vasai East, Mumbai, Maharashtra, India

Notes: Public product page lists gadolinium oxide and international supply regions.

Global Supplier-Discovery Pages

These are useful for discovering additional companies, but every seller should be independently verified before purchase.

Made-in-China - Gadolinium Oxide manufacturers:

<https://www.made-in-china.com/manufacturers/gadolinium-oxide.html>

Made-in-China - product search:

https://www.made-in-china.com/products-search/hot-china-products/China_Gadolinium_Oxide.html

TradeIndia - India supplier directory:

<https://www.tradeindia.com/manufacturers/gadolinium-oxide.html>

Chemsrc - supplier records:

https://www.chemsrc.com/en/SupplierProduct/12064-62-9_965216.html

Buyer Checklist Before Qualifying A Supplier

Do not select a supplier only because its website says "99.99%" or "5N".

Ask for a current, lot-specific COA and clarify:

1. Is purity stated as Gd2O3/REO, Gd2O3/TREO, trace-metals basis, or total assay?
2. What is TREO?
3. What are the individual rare-earth impurity limits?
4. What are Fe2O3, SiO2, CaO, Al2O3, Na2O, Cl- and other non-RE impurity limits?
5. What is D50? Is D10/D90 available?
6. Is BET surface area available?
7. What is LOI / moisture?
8. Is the powder agglomerated?
9. What crystal phase is supplied?
10. Can the supplier provide SDS, COA, TDS/specification, COO and customs/export documents?
11. What is the manufacturing country?
12. Is the seller the manufacturer, an authorized distributor, or a trading company?
13. What is the MOQ?
14. What are the normal lead time and annual capacity?
15. Can a pre-shipment or third-party analysis be arranged?

If you know another legitimate Gd2O3 producer, distributor or supplier that is missing from this directory, please reply with:

Company name:

Country:

Website:

Gd2O3 product URL:

Purity:

Contact:

Manufacturer / distributor / trader:

COA/SDS link (if public):

The goal is to keep this thread as a long-term, independently useful global Gadolinium Oxide supplier directory.

Source and verification note

This document summarizes publicly accessible company pages, product pages, documentation portals and contact information. It is intended for discovery and preliminary supplier research, not as an endorsement, certification, credit check or guarantee of manufacturing capability. For procurement decisions, verify the legal entity, current manufacturing role, lot-specific COA, SDS, quality system, export capability and commercial terms directly with the supplier.