

RARE EARTH COMPOUNDS



Continued advancements in technology and operations allow our production team to utilize varying pathways to efficiently manufacture many rare earth products.

GFS Chemicals understands the importance of a stable and reliable supply chain in the manufacture of rare earth compounds. Key raw materials are obtained from secure sources, including both domestic and international producers.

A sampling of the products we manufacture include:

- Ceric Ammonium Nitrate
- Ceric Nitrate
- Lanthanum Nitrate
- Lanthanum Chloride
- Cerium Based Etchants
- Cerous Chloride
- Yttrium Nitrate
- Yttrium Chloride
- Ceric Sulfate

Batch chemistry: With glass lined and stainless steel production vessels ranging from 15-2,000 gallons to manufacture grades ranging from 99% to 99.999+% purity. While we specialize in 1-10 MT requirements we can support requests in excess of 100 MT for some products.

The Inorganics manufacturing division of GFS Chemicals focuses on developing and adapting core chemistries to meet our clients' unique and individualized specifications. Our technical staff continuously monitors the quality of these products while driving process improvements through quality control and automation.

Robert Kramer | Technical Sales & Business Development Mgr.
Inorganic Manufacturing Division | rkramer@gfschemicals.com

Direct: 380.390.8782

155 Hidden Ravines Dr.
Powell, Ohio 43065

gfschemicals.com
800.858.9682



ABOUT GFS CHEMICALS

- Commitment to Quality**
 - Specialized chemistries with ultra-pure chemicals
 - Custom manufacturing capabilities
 - Facilities are ISO 9001:2015 certified

- Shipping**
 - Export to 80+ countries
 - Handle a wide range of packaging configurations
 - Navigate the complex shipping requirements of hazardous materials

- Service**
 - Tailored sizes, packaging and specifications
 - Responsive customer service
 - Expert technical & manufacturing personnel
 - Quick turn-around of in-stock products

PROCESS-PERFECT INORGANIC CHEMICALS



Tighter metal specifications, single batch-charge packaging, and a technical team based at our production facility are just a few of the ways in which GFS Chemicals can support your business.

Is your supply chain as strong as it could be?

ITEM #	CHEMICAL NAME
13	Ceric Ammonium Nitrate, ACS
768	Ceric Ammonium Nitrate, Commercial
2909	Ceric Ammonium Nitrate, Superior ACS
7683	Ceric Ammonium Nitrate, Electronics Grade
24	Ceric Sulfate
29	Cerous Chloride, Heptahydrate
30	Cerous Nitrate, Hydrated
32	Cerous Perchlorate, Hydrated
1574	Ceric Nitrate, 1.0N Solution
1575	Thulium Acetylacetonate
25	Ceric Sulfate, 0.5N Solution
716	Ceric Sulfate, 0.2500N Solution
1983	Ceric Sulfate Solution, 0.4 N Solution
A3213	Gadolinium Nitrate, Hexahydrate, 99.9%
A3186	Gadolinium Chloride, Hexahydrate, 99.9%
577	Lanthanum Oxide, 99.99%
3579	Lanthanum Oxide, 99.9%

ITEM #	CHEMICAL NAME
633	Lanthanum Nitrate, Hexahydrate
2218	Lanthanum Chloride, Heptahydrate, 99.9%
A4042	Lanthanum Chloride, Heptahydrate, 99.99%
527	Lanthanum Perchlorate, Hydrated, Reagent
5139	Lanthanum Perchlorate, Crystalline Hydrate
1216	Yttrium Nitrate, Hexahydrate, 99.9%
2250	Yttrium Nitrate, Hexahydrate, 99.99%
578	Neodymium Oxide, 99.9%
2223	Neodymium Oxide, 99.99%
A5208	Neodymium Chloride, 99.9%, Hexahydrate
2221	Neodymium Chloride, 99.99%, Hexahydrate
A5232	Neodymium Nitrate, 99.9%
2222	Neodymium Nitrate, 99.99%
579	Praseodymium Oxide, 99.9%
A6378	Praseodymium Nitrate, 99.9%
529	Praseodymium Perchlorate, Hydrated, 50% Solution, Reagent

This list is a small sampling of the chemicals GFS can manufacture. To view our full range of chemicals, scan the QR code and visit our Inorganics division home page.

Order your
Process Perfect
Inorganic
Chemicals Today!

