

GFS Inorganics

RARE EARTH COMPOUNDS



As a leading U.S. manufacturer of high purity inorganic compounds, GFS Chemicals has specialized in the production of rare earth salts and solutions in Columbus, Ohio since the 1950's.

GFS Chemicals understands the importance of a stable and reliable supply chain in the manufacture of rare earth compounds. Continued advancements in technology and operations allow our production team to utilize varying pathways to efficiently manufacture many rare earth products. Key raw materials are obtained from secure sources, including both domestic and international producers.

We use 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.

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

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.

Enjoy the benefits of a safe, competitive supply of rare earth salts and solutions with minimal interruptions.

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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

GFS Inorganics

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?

CATEGORY	PRODUCT-EXAMPLES	ITEM #
Cerium Salts	Ceric Ammonium Nitrate	13/768/2909/7683
	Ceric Sulfate	24
	Cerous Chloride	29/2901
	Cerous Nitrate	30
	Cerous Perchlorate	32
Cerium Solutions	Ceric Nitrate	1574/1575
	Ceric Ammonium Nitrate	Various strengths available
	Ceric Sulfate	25/716/1983
Gadolinium Salts	Gadolinium Nitrate	A3213/2216
	Gadolinium Chloride	A3186
Gadolinium Solutions	Gadolinium Perchlorate	525
Lanthanum Salts	Lanthanum Oxide	577/3579/3580
	Lanthanum Nitrate	633/A4065/A4068/A4069
	Lanthanum Chloride	634/2218/A4042/A4043
	Lanthanum Perchlorate	527/5139
Yttrium Salts	Yttrium Nitrate	1216/2250/2453/A9232
	Yttrium Chloride	2249/2486
	Yttrium Acetate	2970
	Yttrium Perchlorate	5183
	Yttrium Oxide	582/2252/1522
Neodymium Salts	Neodymium Oxide	A5247/578/2223
	Neodymium Chloride	A5208/2221
	Neodymium Nitrate	A5232/2222
Neodymium Solutions	Neodymium Perchlorate	528
	Praseodymium Oxide	579/2232
	Praseodymium Nitrate	A6378
Praseodymium Solutions	Praseodymium Perchlorate	529

The above 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.



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