

DIVISION OVERVIEW



For more than 95 years, GFS Chemicals has served the needs of our customers by meeting their most rigorous requirements for a variety of R&D, pilot and commercial applications.

CORE INORGANIC MANUFACTURING CAPABILITIES:

Acid Distillation

- High purity acids from reagent grade to PPT levels
- Used as starting materials and sold as finished goods

High Purity Inorganic Salts

- High purity acids are the precursors for excellent crystallization results
- Expertise in nitrates, chlorides, oxalates, perchlorates, iodides and more

Perchlorate Chemistry

- Leading manufacturer of perchloric acid and perchlorate salts
- Technical leaders in the manufacture and safe handling of these unique materials

Rare Earth Chemistry

- Raw material sourcing expertise and manufacturing excellence of a wide range of rare earths including cerium, lanthanum, yttrium, and others as high purity salts or solutions

Lithium Chemistry

- Start with high purity lithium hydroxide to ensure end product purity levels

Low Moisture/Anhydrous Salts

- Wide range of drying technologies including rotary vacuum and tray drying
- Extremely low moisture drying and testing capability
- Dry room packaging

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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

PROCESS-PERFECT INORGANIC CHEMICALS



GFS can support your business by providing:

Tighter metal specifications, single batch-charge packaging, and a technical team based at our production facility.

Is your supply chain as strong
as it could be?

ITEM #	CHEMICAL NAME
646	Ammonium Nitrate, ACS
779	Calcium Nitrate, Tetrahydrate, ACS
12	Calcium Perchlorate, Hydrated, Reagent
13	Ceric Ammonium Nitrate, ACS
768	Ceric Ammonium Nitrate, Commercial
2909	Ceric Ammonium Nitrate, Superior ACS
7683	Ceric Ammonium Nitrate, Electronics Grade
1574	Ceric Nitrate, 1.0N Solution
1575	Ceric Nitrate, 1.5N Solution
24	Ceric Sulfate, Reagent
29	Cerous Chloride, Heptahydrate, Reagent
30	Cerous Nitrate, Hydrated, Reagent
666	Cupriethylenediamine, 1 M Solution
39	Ferric Perchlorate, Hydrated, Yellow
40	Ferric Perchlorate, Hydrated, Non-Yellow
42	Ferrous Perchlorate, Hydrated
634	Lanthanum Chloride, Heptahydrate, ACS
633	Lanthanum Nitrate, Hexahydrate, Reagent
2595	Lithium Iodide, Anhydrous
611	Lithium Nitrate, Reagent
53	Lithium Perchlorate, Trihydrate, ACS
221	Lithium Perchlorate, Anhydrous, ACS

ITEM #	CHEMICAL NAME
233	Lithium Perchlorate, Battery Grade
805	Sodium Tartrate, Dihydrate, ACS
55	Magnesium Perchlorate, Anhydrous, ACS
56	Magnesium Perchlorate, Hexahydrate, Reagent
652	Oxalic Acid, Dihydrate, ACS
1277	Oxalic Acid, Dihydrate, High Purity
66	Perchloric Acid, 70%, ACS
69	Perchloric Acid, 60%, ACS
987	Potassium Chlorate, ACS
554	Potassium Acid Phthalate, Primary Standard (ACS)
2354	Potassium Acid Phthalate, Buffer Grade
80	Potassium Perchlorate, ACS
373	Potassium Perchlorate, Commercial
1190	Silver Iodide, Reagent
1029	Sodium Chlorate, ACS
658	Sodium Nitrate, ACS
559	Sodium Nitrite, ACS
91	Sodium Perchlorate, Anhydrous, ACS
92	Sodium Perchlorate, Monohydrate, ACS
1216	Yttrium Nitrate, Hexahydrate, 99.9%
102	Zinc Perchlorate, Hexahydrate, 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.

