

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 |
| 602 | Barium Chloride, Dihydrate, ACS |
| 8 | Barium Perchlorate, Trihydrate, Reagent |
| 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 |
| 44 | Iodic Acid, ACS |
| 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 |
| 233 | Lithium Perchlorate, Battery Grade |

| ITEM # | CHEMICAL NAME |
|--------|--|
| 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 |
| 378 | Silver Nitrate, ACS |
| 1029 | Sodium Chlorate, ACS |
| 658 | Sodium Nitrate, ACS |
| 559 | Sodium Nitrite, ACS |
| 91 | Sodium Perchlorate, Anhydrous, ACS |
| 92 | Sodium Perchlorate, Monohydrate, ACS |
| 807 | Strontium Chloride, Hexahydrate, ACS |
| 808 | Strontium Nitrate, ACS Reagent |
| 96 | Strontium Perchlorate, Trihydrate, Reagent |
| 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.

