

GFSInorganics

BATTERY & POWER STORAGE CHEMICALS



GFS Chemicals is meeting the demanding needs of the battery and power storage industries head-on. We have been producing and selling high-quality materials to the battery and fuel cell markets for decades.

Simultaneously, we have been involved in scale-up processes involving novel or emerging battery and fuel cell materials. GFS Chemicals can readily support this market in different stages of development, ranging from experimental, R&D volumes, all the way up to multi-metric ton quantities for full scale commercial production.

We are vertically integrated in a number of key chemistries such as lithium, nickel, cerium, and silver. Our expertise in high purity acid distillation makes GFS Chemicals a proven leader in bulk manufacturing of low trace metal salts. Our specialty bulk drying equipment allows us to provide ultra-dry materials used in many fuel cell and advanced battery systems.

Some of the products we manufacture include:

- Lithium Iodide (solid electrolyte, low current applications)
- Lithium Perchlorate, Anhydrous
- Rare Earths (dopants involving Cerium, Yttrium, Lanthanum, and Ytterbium)
- Specialized Electrolyte Solutions
- Anhydrous Cadmium Compounds
- Iron and Silver Based Etchant Solutions
- Cobalt, Zinc, Manganese Compounds
- High Purity Acids
- Cerous Chloride, Anhydrous (fuel cell chemistry & catalysis)
- Lithium Triflate



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

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gfschemicals.com
800.858.9682

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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
646/1905	Ammonium Nitrate
602	Barium Chloride
7/8	Barium Perchlorate
868/869	Cadmium Chloride
779/1909	Calcium Nitrate
12	Calcium Perchlorate
13 -15/768/2909/7683	Ceric Ammonium Nitrate
19/1574/1575	Ceric Nitrate
24	Ceric Sulfate
5910 - 5913	Cerium/Perchloric Acid Etchants
29/2902	Cerous Chloride
30/1571	Cerous Nitrate
901	Cupric Nitrate
666/6661	Cupriethylenediamine
922	Ferric Nitrate
39/40/3924	Ferric Perchlorate
42	Ferrous Perchlorate
44	Iodic Acid
634	Lanthanum Chloride
633	Lanthanum Nitrate
49/50/5142	Lead Perchlorate
609/2297	Lithium Carbonate
940/2595	Lithium Iodide
611	Lithium Nitrate
53/221/233	Lithium Perchlorate
54-56/589	Magnesium Perchlorate

ITEM #	CHEMICAL NAME
613	Mercuric Nitrate
60/5148	Mercuric Perchlorate
972/5316	Nickel Chloride
62/5155	Nickel Perchlorate
697	Nickel Sulfate
652/1277/2450	Oxalic Acid
66-69/2477/2478/2267/6601	Perchloric Acid
987/1922	Potassium Chlorate
554/2354	Potassium Hydrogen Phthalate
80/297/373/1929	Potassium Perchlorate
81/593	Potassium Periodate
1016/5384	Rubidium Nitrate
1190	Silver Iodide
378	Silver Nitrate
86/87	Silver Perchlorate
1029	Sodium Chlorate
658/1942/6581	Sodium Nitrate
559	Sodium Nitrite
94/659	Sodium Para Periodate
93	Sodium Meta Periodate
91/92/1950/3230	Sodium Perchlorate
807/808	Sodium Tartrate
805	Strontium Chloride/Nitrate
96/5168	Strontium Perchlorate
1216/2250/2453	Yttrium Nitrate
102	Zinc Perchlorate

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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