

POWDER CHEMICAL BLENDING FAQ GUIDE



Thank you for downloading the Royal Chemical Powder Blending FAQ Guide. Our goal is to provide you with a comprehensive understanding of the basics of powder blending and what it's like to partner with Royal Chemical.

Understanding powder blending is crucial, whether you're a novice or an industry veteran, to produce high-quality powder chemicals efficiently and profitably.

If you're looking for powder chemical blending, industrial chemical packaging and chemical warehousing services, you likely have several important questions related to your potential partner's capabilities, processes, quality and logistics.

Let's dive into frequently asked questions (FAQs) the team at Royal Chemical often fields from our prospects and clients.

Table of Contents:

Page 3.....**Capabilities**

Page 4.....**Processes**







Page 5.....**Quality**

Page 6.....**Logistics**

CAPABILITIES

Q: What types of powders can you blend?

A: At Royal Chemical, we specialize in blending a wide range of powder chemical products. Our expertise includes handling:

-  Industrial and institutional cleaning powders
-  Metal cleaning powders
-  Food processing powders
-  Janitorial and household cleaning powders
-  Laundry chemicals
-  Sanitizers and disinfectants

Our facilities are equipped to blend various types of powders, ensuring safety and quality assurance. Royal Chemical does not blend heavy metals.

Q: Are there powder materials Royal Chemical does not blend?

A: Safety is paramount in our operations. Therefore, we refrain from processing known carcinogens, mutagens or combustible dusts.

Q: What types of packaging and labeling services do you offer for powders?

A: Royal Chemical offers diverse packaging options for powder products, from small bags to large bulk containers. We provide flexible packaging solutions tailored to meet the specific needs of your product, such as:

- Super Sacks
- Drums
- Pails
- Bags
- Jars
- Labels

We can print thermal laser labels for all large pack sizes, or labels can also be customer supplied.

Q: What locations are you able to manufacture powder blends?

A: Macedonia, Ohio is the only locations that has powder blending capabilities.

PROCESSES

Q: Who supplies the materials – Royal Chemical or the client?

A: Most of our customers prefer to let us provide all the materials. Royal Chemical purchases a vast range of materials from reliable suppliers to ensure low costs and high quality. If you wish to supply some or all of the materials, we are happy to accommodate your arrangements.

Q: What equipment and technology do you employ for precise blending?

A: Royal Chemical utilizes advanced equipment for powder blending, including:

- High-capacity blenders
- Precision mixers
- Specialized equipment for handling various order quantities and specific chemical compositions

We have three paddle blends and one ribbon blender, with a capacity of 2000 to 6000 pounds depending on bulk density.

We also have spray bars for adding liquids to a blend.

Q: Can you handle custom or proprietary formulations?

A: Yes, we specialize in producing custom and proprietary formulations. We manage all aspects of production, allowing you to focus on your core business activities.

Royal Chemical does not have any formulations of our own, we strictly manufacture and pack for our customers.

QUALITY

Q: What certifications does Royal Chemical hold?

A: Royal Chemical maintains several certifications relevant to powder chemical manufacturing, including:

- Kosher
- Halal
- NSF
- ISO-9001

We comply with EPA regulations and adhere to Good Manufacturing Practices (GMP), ensuring the highest standards of quality and safety.



Q: What quality control measures do you have in place?

A: Quality control is a priority at Royal Chemical. We test every batch to ensure it meets the required specifications. Our quality control checks for powders include:

- pH
- Acidity
- Alkalinity
- Appearance
- Plus other wet chemistry titrations if requested.

LOGISTICS

Q: What are your typical lead times?

A: During the onboarding process, we recommend providing us with a Tech Transfer Packet (TTP) to optimize communication. The TTP process typically takes eight weeks, although this varies based on the quantity of units involved. After onboarding, our lead times for bulk production average 21 days, and smaller packaging orders require approximately 10 weeks.



Q: What is your minimum order quantity?

A: The minimum order quantity is 4000 pounds so we can get a good homogenous blend.

Q: Do you provide inventory management?

A: Yes, Royal Chemical offers a bill-and-hold process. Customers place a production purchase order and are invoiced for it. We store the stock and ship from your inventory as needed. We also provide inventory reports at arranged intervals to help you keep track of your finished goods.

Q: How do you handle supply chain logistics and shipping?

A: Whether you want Royal to arrange freight and add to the invoice (Pre Pay and Add), or you prefer to send in the trucks, we are very flexible in providing these arrangements.

Q: What sets your company apart from other contract chemical manufacturers?

A: With over 85 years of experience, Royal Chemical offers unmatched quality, safety, compliance, and logistics capabilities. Our flexibility and strategic locations make us the ideal partner for your powder blending needs.

To learn more about powder blending and how Royal Chemical can help you scale and improve your operations, please contact us to [talk to an expert today](#).