USER GUIDE · RECHARGEABLE · ORANGE TO GREEN

Dry flowers in days. Keep their shape and colour.

Ultra-fine silica gel crystals (under 1 mm) with 10% orange indicating crystals. They flow between petals without pressure, dry a full bouquet in 3–7 days, and recharge in a microwave or oven — project after project.



10%
Orange indicating crystals — watch them change colour

<1 mm
Ultra-fine crystals that hold every petal's shape

3–7 days
To a fully dried bouquet in a sealed container

35%
Moisture absorbed, of the crystals' own weight

THE WHOLE IDEA, IN ONE STRIP

Orange = dry and ready · **Olive** = working · **Dark green** = saturated, recharge it

<1 mm ultra-fine crystals

Cobalt chloride free & dust-treated

SGS Safety Data Sheet

EU REACH 253 SVHC tested

ClimatePartner certified

Reusable again and again

Product Specifications

VARIANT	FORMAT	WHAT'S INCLUDED	PACKAGING
2 LB	907 g crystals	Crystals only	Colour pouch · 26 × 35 cm
4 LB 3-in-1	1.81 kg crystals	+ Sealed container + soft brush	Colour box
5 LB	2.27 kg crystals	Crystals only	Colour pouch · 29 × 42 cm
5 LB 3-in-1	2.27 kg crystals	+ Sealed container + soft brush	Colour box
5 LB 4-in-1	2.27 kg crystals	+ Sealed container + filterable basket + soft brush	Plain box · colour label
7 LB 3-in-1	3.18 kg crystals	+ Sealed container + soft brush + gloves & mask	Bucket
8 LB 4-in-1	3.63 kg crystals	+ Sealed container + filterable basket + soft brush	Plain box · colour label
10 LB 3-in-1	4.54 kg crystals	+ Sealed container + soft brush + gloves & mask	Bucket

Shared specification

Composition	**90% clear silica gel crystals + 10% orange indicating crystals**
Crystal size	**Ultra-fine, under 1 mm — flows between petals without pressure**
Absorption	**Up to 35% of the crystals' own weight**
Surface	**Dust-treated and odourless. Cobalt chloride ($CoCl_2$) free**
Drying time	**3–7 days in a sealed container, depending on the flower**
Storage	**Reseal after each use; keep cool and dry, away from sunlight**

How to read the colour

Orange crystals are the indicator. They start orange when the silica gel is dry and turn progressively olive, then dark green, as moisture is absorbed. The change is reversible — heating drives the moisture out and the crystals return to orange, batch after batch.

Orange
Dry — ready to use

Olive
Drying — still working

Dark green
Saturated — recharge now

Why ultra-fine crystals? Bulk 2–4 mm beads press against petals and leave marks. At under 1 mm, Fonday crystals pour between petals like sand, support every layer of the bloom, and release cleanly with a soft brush — so flowers keep their natural 3D shape and true colour.

THE RANGE · REAL PRODUCT PHOTOS



2 LB · Pouch
26 × 35 cm



3-in-1 kit
+ Container + brush



4-in-1 kit
+ Basket + container + brush



7 LB · Bucket 3-in-1
+ Gloves + mask



10 LB · Bucket 3-in-1
+ Gloves + mask

One crystal, eight ways to buy it. Every variant holds the same dust-treated, cobalt-free crystal blend. The 2 LB and 5 LB come in colour pouches, the 4 LB and 5 LB 3-in-1 in printed colour boxes, the 5 LB 4-in-1 and 8 LB 4-in-1 in plain boxes with a colour label, and the 7 LB and 10 LB 3-in-1 in buckets — pick by bouquet size and by what you want included.

SECTION 02

How to Use

Four steps, five minutes of hands-on time. The crystals do the rest — fully dried flowers in 3–7 days, with shape and colour intact.

01

Trim & prep

Pick blooms in good condition. Remove damaged petals by hand and cut the stems to 3–5 cm. Dry flowers harvested at their peak keep colour best.

02

Pour a base layer

Cover the bottom of the sealed container (or the included 3-in-1 / 4-in-1 container) with 2–3 cm of crystals. Any airtight container works.

03

Nestle & cover

Set the flowers upright on the layer. Gently pour crystals around and between the petals with a small cup or the brush, filling each bloom without bending it.

04

Seal & wait

Close the lid and leave it in a dry place for 3–7 days. From day 3, check daily. When petals feel papery, lift the flowers out and brush the crystals off.

4-in-1 shortcut. The 4-in-1 kits include a filterable basket inside the sealed container. When drying is done, lift the basket in one move — the crystals stay behind and your blooms come out clean, in shape.

Important. This product is a flower-drying desiccant. It is **not intended for use with food, pharmaceuticals, or dietary supplements**. Crystals are dusty: wear the included gloves and mask when handling loose crystals, do not rub your eyes, keep away from children and pets, and never eat the contents.

SECTION 03

Flowers That Dry Beautifully

Wedding bouquets, memorial flowers, resin art, shadow boxes and floral crafts.

Roses & peonies

The classics for bouquets and keepsakes — full heads dry evenly in 3–7 days.

Dahlias & zinnias

Layered petals keep their form — pour gently between each layer.

Carnations & statice

Firm petals and fillers like baby's breath dry with minimal fading.

Resin art & shadow boxes

Bone-dry petals prevent clouding and stains inside resin and frames.

Herbs, seeds & wreaths

Also ideal for boutonnieres, corsages and botanical craft material.

Skip these

Very fleshy blooms — daffodils, tulips, crocuses and irises hold too much water.

Colour expectations. White blooms may turn beige and red blooms deepen slightly as they dry. Keep dried flowers out of direct sunlight and away from heat — dried petals fade quickly in bright light.

Recharge & Reuse

When the orange indicator crystals turn dark green, the crystals are full — not finished. Heat drives the moisture back out and they return to orange, ready for the next bouquet.

1 · Check colour
Dark green across the batch

→

2 · Spread thin
On a safe tray, 1–2 cm layer

→

3 · Heat
Oven 0.5–2 h or microwave 7–10 min

→

4 · Cool & store
Seal airtight until next time

Oven Method

EVEN DRYING

1. Heat the oven to **200–250 °F (93–120 °C)**. Convection or conventional both work.
2. Spread the crystals on an **oven-safe baking pan** in a thin, even layer — about 1–2 cm deep.
3. Bake for **0.5–2 hours**, stirring once halfway. Larger batches take longer.
4. Done when the green crystals read orange again. Cool completely before storing.

Microwave Method

FASTER

1. Pour the crystals onto a **microwave-safe glass, ceramic or metal tray** — never the plastic container or colour pouch.
2. Heat at **700 W (defrost mode)** for **7–10 minutes**. Stop halfway and stir the layer.
3. Still green after cooling? Let the crystals cool to **room temperature**, then run **another cycle**. Repeat until orange.
4. Heat in short batches. Overheating can discolour or scorch the crystals.

DO

- Recharge only when the crystals are dark green — heating dry crystals wastes their life.
- Let crystals cool completely before handling or sealing them back into the pouch.
- Keep the pouch or container sealed airtight; recharged crystals start absorbing immediately.
- Reuse across many projects — one full cycle restores the same absorption capacity.

DON'T

- Don't microwave or bake the plastic container, colour pouch, or any sealed packaging.
- Don't use an oven above 250 °F (120 °C) or the microwave's highest power setting.
- Don't handle hot crystals, and don't skip the gloves and mask when pouring loose crystals.
- Don't use this product with food, pharmaceuticals, or dietary supplements.
- Don't reuse crystals that are burnt, browned, or contaminated. Discard them.

Colour check after cooling. Crystals read darker while warm. Wait until they are back at room temperature before judging the colour — orange means the cycle is complete, olive means heat them again. Keep repeating cool-down and heating until the whole batch turns orange.

Certifications & Compliance

Independently tested by SGS and certified by ClimatePartner. Registration numbers below for verification.

CERTIFICATE 01

Safety Data Sheet

SGS-CSTC Standards Technical Services
(Qingdao) Co., Ltd

REPORT NO.

EECSSDS2602031701

SGS job no.	SZP26-006039
Standard	Annex II of REACH (EC) 1907/2006 · Regulation 2020/878
Issue date	12 February 2026
Product	Fonday Silica Gel Flower Drying Crystals
Classification	Non-hazardous — CLP (EC) No 1272/2008

CLASSIFIED NON-HAZARDOUS

CERTIFICATE 02

EU REACH · SVHC

SGS-CSTC Standards Technical Services
Co., Ltd. Guangzhou Branch

REPORT NO.

CANEC26003121703

SGS job no.	SZP26-005851
Scope	253 substances on the ECHA Candidate List (published on or before 4 Feb 2026)
Regulation	(EC) No. 1907/2006
Issue date	10 February 2026
Result	All screened SVHC ≤ 0.1% (w/w) in the submitted sample

PASS · ALL SVHC ≤ 0.1%

CERTIFICATE 03

Product Carbon Footprint

ClimatePartner
Boston, Massachusetts, USA

Reports	GHG Compliant Reports, Version 1 — GHG Protocol, cradle-to-grave
Status	Climate Pledge Friendly on Amazon

CLIMATEPARTNER CERTIFIED

REPORTED PRODUCT	UNIT OF ANALYSIS	INVENTORY DATE	FOOTPRINT
Silica Gel Desiccant Packets	2.41 kg bag	3 February 2026	**14.1 kg CO_2e**
Sealed Silica Gel Set	4.97 kg crystals + container	4 February 2026	**28.89 kg CO_2e**
Barrel Silica Gel Desiccant	6.37 kg bottle	3 February 2026	**35.78 kg CO_2e**

QUICK REFERENCE

Which variant fits my flowers?

TYPICAL PROJECT	CONTAINER SIZE	RECOMMENDED	INCLUDED
Single blooms, corsages, small jars	Up to 2 L	**2 LB pouch**	26 × 35 cm colour pouch
Medium bouquets, keepsake boxes	2–6 L	**4 LB 3-in-1**	Colour box · container + brush
Large bouquets, wedding florals	6–12 L	**5 LB · 5 LB 3-in-1 · 5 LB 4-in-1**	29 × 42 cm pouch / colour box / plain box · container + basket
Extra-large arrangements, several containers	12 L and above	**7 LB 3-in-1 · 8 LB 4-in-1 · 10 LB 3-in-1**	Bucket or plain box · container + accessories

Silica gel CAS No. 112926-00-8 (amorphous, non-crystalline). Applicant: SHENZHEN SHI FANGDEJIANGXIN E-COMMERCE CO., LTD. This guide applies to Fonday Flower Drying Silica Gel Crystals, 2 LB through 10 LB 3-in-1; the 5 LB colour pouch is offered in Canada, Germany and the United Kingdom. Amazon ASINs: X002ZO9QH3 (US, 2 LB pouch) · X001AYXS0R (CA · DE · UK, 5 LB pouch). Full SDS, REACH and carbon footprint documents are available at **www.fondayair.com** or on request.