



Repackaging Product Authorization Notice

Updated: 03/01/2023 (supersedes 08/29/2022 Product Authorization Notice)

Listed below are the Corteva Agriscience™ Product(s) you are authorized to repackage in bulk and small volume portable refillable containers at this facility.

<u>Product</u>	<u>EPA Reg. No.</u>	<u>Product</u>	<u>EPA Reg. No.</u>
Abundit® Edge Herbicide	352-922	Keystone® NXT Herbicide	62719-671 ¹
Accord® XRT II Herbicide	62719-556	Kyro™ Herbicide	62719-766
Aproach® Prima Fungicide	352-883	Milestone® Herbicide	62719-519
Capstone® Herbicide	62719-572	N-Serve® 24 Nitrification Inhibitor	62719-20
Cinch® ATZ Herbicide	352-624	PerfectMatch™ Herbicide	62719-685
Cinch® ATZ LITE Herbicide	352-623	Resicore® Herbicide	62719-693
Cleantraxx™ Herbicide	62719-702	Resicore® XL Herbicide	62719-756
DuraCor™ Herbicide	62719-739	Rezuvant™ Herbicide	62719-750
Durango® DMA Herbicide	62719-556	Rodeo® Herbicide	62719-324
Enlist Duo® Herbicide	62719-649	SiteVue® VM Herbicide	62719-731
Enlist One® Herbicide	62719-695	Starane® Flex Herbicide	62719-604
EverpreX Herbicide	352-923	Starane® NXT Herbicide	62719-557
Freelexx™ Herbicide	62719-634	SureStart® Herbicide	62719-570 ¹
FullTime® NXT Herbicide	62719-668	SureStart® II Herbicide	62719-679 ¹
Garlon® 3A Herbicide	62719-37	Surpass® NXT Herbicide	62719-672 ¹
Garlon® 4 Ultra Herbicide	62719-527	TerraVue™ Herbicide	62719-738
Graslan® L Herbicide	62719-655	Tordon® 22K Herbicide	62719-006
Grazon® P+D Herbicide	62719-182	Transline® Herbicide	62719-259
Grazon® PD3 Herbicide	62719-655	Vastlan® Herbicide	62719-687
GrazonNext® HL Herbicide	62719-628	Vista® XRT Herbicide	62719-586
Instinct® II Nitrogen Stabilizer	62719-657	Vydate® C-LV Insecticide	352-532
Instinct NXTGEN™ Nitrogen Stabilizer	62719-741	WideARmatch™ Herbicide	62719-746
Keystone® LA NXT Herbicide	62719-670 ¹	WideMatch® Herbicide	62719-512

These are Corteva Agriscience™ Products that Corteva Agriscience no longer sells, but inventory could exist in our channel of trade.

Curtail* M Herbicide	62719-86	Sonalan HFP	62719-184
Duramax* Herbicide	62719-556	Telone* C-35 Fumigant	62719-302
ForeFront* HL Herbicide	62719-630	Telone* EC Fumigant	62719-321
InLine® Fumigant	62719-348	Telone* II Fumigant	62719-32
Instinct® Nitrogen Stabilizer	62719-583	TopNotch* Herbicide	62719-369
Instinct® HL Nitrogen Stabilizer	62719-692	Tordon* K Herbicide	62719-17
Keystone® Herbicide	62719-368	Witness® Herbicide	62719-512
Keystone® LA Herbicide	62719-479	Boomer® Herbicide	62719-723-55467 ²

This notice supersedes all previously issued Product Authorization Notices. However, if you have existing inventories of previously approved products, please keep previous Product Authorization Notices until such time as existing inventories are depleted. If you have any questions regarding this Notice, please refer to the Agreement for Repackaging of Corteva Agriscience Bulk Pesticides and contact your local Corteva Agriscience Sales Representative or the Bulk Products Coordinator, 9330 Zionsville Road, Indianapolis, IN 46268.

¹This product is available via supplemental distribution.

² Boomer was manufactured and distributed by Corteva Agriscience for Tenkoz and its Members. By mutual agreement the parties have terminated this relationship. Corteva Agriscience will maintain the registration until September 30, 2023.

Attached Corteva approved portable refillable container list and cleaning instructions along with bulk tank cleaning instructions can also be found in the Corteva Agriscience™ Bulk Handling Guide found [here](#).

Product specific handling information for certain products can be found [here](#).

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Attachment 1 - Corteva Approved Portable Refillable Containers

Portable refillable containers must meet the acceptable requirements of the registrant. The following table, provided by the CropLife America: Industry Guideline for Acceptable Containers [website](#), illustrates Corteva approved containers.

	Category 1	Category 2	Category 3	Category 4	Category 5
Description:	Blow-molded inner container in cage or shell	Thick Wall container on a protective base or legs	Thick wall, Proprietary Design	One Piece Container	One Piece Container
Bottom Discharge	with or without bottom discharge	with or without bottom discharge	with or without bottom discharge	No bottom discharge	with or without bottom discharge
Cylindrical/Square	Square	Square or Cylindrical	Square/Cylindrical or Custom	Cylindrical	Square or Cylindrical
Stackable	Yes	Yes	Yes or No	Yes & No	Yes
Options		May have top chime. May be equipped with a pump.	May have top chime. May be equipped with a pump.	May have top and bottom chimes	
Materials	HDPE bottle & Metal cage	HDPE and LLDPE Plastic	HDPE and LLDPE Plastic	HDPE and LLDPE Plastic	Stainless Steel
UN / DOT Authorization	UN 31HA2	UN31H1, UN31H2,	UN1H1, UN3H1, UN31H1, UN31H2, None	UN1H1, UN3H1, UN31H1, UN31H2,	UN1A1, UN31A1, DOT 57
Containers in each category include, but are not limited to, those pictured here.					

Attachment 2 - Residue Removal Procedure for Portable Refillable Containers

In 49 CFR 165 Subpart D, the federal EPA requires each registrant to provide a residue removal procedure for portable refillable containers (PRCs). This document provides that procedure for PRCs intended for refilling with Corteva Agriscience's products.

The facility should use this information to create site-specific cleaning procedures. Format and content will vary according to site needs and requirements but should include the elements below. Any procedure must result in the following:

- No visible solids on the interior or exterior of the PRC.
- Residue limits below the EPA requirements in EPA PR Notice 96-8.
- Residue limits below Corteva Agriscience's minimum requirements for product integrity.

Prior to Residue Removal

- Confirm and understand all disposal methods and costs before any cleaning operation begins. Segregation and use of cleaning rinsate as spray solution is preferred over disposal.
- Wear the proper protective equipment as required by the product MSDS during inspection and cleaning.
- Perform all residue removal within secondary containment.

Procedures

1. Drain all liquid into a DOT approved disposal drum.
2. Remove any solid matter.
3. Close bottom drain if applicable and rinse inside walls with water. The use of a pressure washer is recommended
4. Drain and properly dispose of the wash water.
5. Inspect inside of container with flashlight.
6. Repeat washing procedure with hot water and detergent, and brush if residues remain.
7. Disassemble flanges, valves, pumps, meter, conservation vents, and other equipment on the tank if residues may be trapped. Replace all gaskets.
8. Rinse and circulate with clean water. Repeat this step until the water remains clean and residue free.
9. Drain interior of container, hose, meter, pump, etc., completely.
10. Dispose of residues and wash water in accordance with federal, state, and local laws and regulations.

Notes:

Using a solvent such as diesel fuel for products which are solvent based solutions of crystals may produce better results than water because the solvent will dissolve crystals. Pay special attention to the top interior of the PRC. This area is usually the most difficult to clean.

Attachment 3 - Bulk Tank Cleaning Instructions

Preparation

A bulk tank must be clean, dry, and free of all contaminants before it is filled. Bulk tanks containing Corteva Agriscience's bulk products can be cleaned using the cleaning procedure described below. Always wear proper protective equipment as recommended in the product's SDS during inspection and cleaning.

Bulk tank clean-out approval includes the following:

- No visible solids are allowed on the interior of the tank and piping.
- EPA required clean out limits for product integrity are met per PR Notice 96-8.
- Internal Corteva Agriscience minimum requirements for product integrity and following product restrictions are followed, including any cleaning guidance found on product specific Supplemental Information guides

Enlist™ products require following a strict cleaning and shared equipment protocol. Consult Corteva Agriscience personnel for these specific cleaning requirements and product integrity protocol for Enlist products.

Procedures

1. Drain all liquid into a DOT approved disposal container.
2. Visually inspect the tank interior.
3. Remove any loose solid material.
4. Spray bottom first with water to loosen any residue in the sump or cone before cleaning. Use a pressure washer delivering 2 to 5 gpm to minimize water volume.
5. Spray under roof shell, then inside wall of tank, working from top of the walls down. Use water volume necessary to spray all surfaces. (If water fails to remove solids, consider using liquid fertilizer as an alternative to soften solids.)
6. If the system can circulate, circulate 10 minutes to loosen material and solids in the tank and piping. (Add water volume as needed to avoid starving the pump).
7. Drain the tank using the system pump, preferably exiting through the meter.
8. Repeat steps 2 through 6 above two more times, for total of three rinses. Use hot water and detergent if residue remains.
9. Disassemble and clean or replace screen and hoses. Replacement may be required when certain products follow other products.
10. Inspect the inside of the container. The container must be free of residues on the inside wall of the container.
11. Drain and dry entire system, container, piping, meter and strainer prior to filling with another product.
12. Document cleaning date and procedure.
13. Dispose of the wash water in accordance with the federal, state, and local laws and regulations.