

Resicore[®] XL Herbicide

Supplement to Bulk Storage and Handling Guide

This product-specific information supplements the Corteva Agriscience™ “Bulk Storage and Handling Guide”. Use these documents together to understand the requirements for repacking Resicore XL from totes and for cleaning of bulk storage tanks.

To obtain additional copies of this Bulk Storage & Handling Guide, or this product-specific Supplement, see <https://BulkHandlingGuides.corteva.us> or contact your Corteva Territory Manager or Sales Representative.

Refillable Container Handling

DOT/EPA	This product is not regulated by US Department of Transportation for various modes of transport. Container must meet EPA Pesticide Container and Containment Rule requirements. Use UN/DOT approved containers. See Corteva Agriscience bulk storage and handling guide at Bulk Storage and Handling Guides Corteva Agriscience™ for additional general requirements.
Material of Construction	Clean polyethylene (high density) is required. Inspect each polyethylene tank for cracks, discoloration, or signs of structural flaws prior to each use.
Freezing	Product stored in totes may freeze in winters (depending on the storage location and ambient temperature in the region), however, freezing will not hurt the product. When freezing, Resicore XL has shown little to no expansion properties, however, it is a best practice to allow some head space in to allow for expansion and contraction. Prior to mixing the tank for the first time after freezing, make sure there are no visible ice crystals in the product, which can damage the recirculation pump.
Mixing	Resicore XL should be mixed well just prior to the use season and the first use of the tote. Containers with built-in circulation are the best and are preferred. Over-the-top mixing may not be adequate to mix the bottom of the tank, which is the critical area. Where necessary, consider cascading product from the source container into a target container, preferably while circulating the target container with a built-in pump that has circulation. View the bottom of the source container to assure no residues are left behind.
Couplers	Standard couplers are acceptable.
Piping/Rubber tubing	Rubber tubing MUST be lined with either Teflon or HDPE (high density polypropylene). When using lined tubing, extreme caution must be used to ensure the lining material fully contacts any metal tubing barbs. Failure to ensure the lining materials contact the metal fittings will result in a failure of the tubing at the fitting. All lined tubing used within a bulk system MUST be inspected prior to each use of the system to make sure the rubber hose has not swelled or softened from exposure to the product.
Seals, gaskets, and hose lining	Recommend Silicone or Teflon

Product Density vs. Temperature

Temperature °F (°C)	27	30	40	50	60	70	80	90
Density (lb./gal.)	9.46	9.45	9.43	9.40	9.38	9.35	9.33	9.30

Flash Point, NFPA Rating, Storage Temperature, and Signal Word

Flash Point ¹ °F (°C)	NFPA 704 Diamond Ratings			Min. Storage Temperature °F (°C)	EPA Signal Word
	Health	Flammability	Reactivity		
>212.2 °F (100.1 °C)	1	1	0	None (Product can freeze)	Caution

¹ The flash point of a liquid is the minimum temperature at which it gives off sufficient vapor to form an ignitable mixture with the air near the surface of the liquid or within the test vessel used.

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Bulk Product Tank Cleaning

Following the bulk storage of Resicore XL, triple-rinse cleaning and visual inspection is required when switching to another product.

Procedure:

1. Completely drain the tank
2. Visually inspect the tank interior and remove any loose solid material
3. A typical high-pressure washer is recommended for cleaning as they are efficient and they generate (2-5 gpm) minimal wastewater
4. Using ambient temperature water or ambient caustic solution, spray bottom first with water to loosen any residue in the sump or cone
5. Continue pressure wash under roof shell, then inside wall of tank, working from top of the walls down
6. If possible, circulate rinse water 10 minutes in the tank and piping. (Add water volume as needed to avoid starving the pump)
7. Completely drain the tank using the system pump, preferably exiting through the meter
8. Repeat steps 4-7 two more times
9. Wastewater from cleaning the tanks must be collected and used or disposed following Federal, State, and Local regulations and guidelines
10. After cleaning, inspect the tank for signs of corrosion or pitting on interior surfaces and welds. Inspect pump, pipes, hoses, and fittings for fitness of purpose
11. Document cleaning and inspection

Corteva requires a new Tank Inspection Form (TIF) confirming the tank is clean and was inspected prior to switching to a new Corteva product.

Always wear proper protective equipment as recommended on the product's SDS during inspection and cleaning.

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