

Resicore® 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 a bulk storage facility of this product. 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.

General Storage Comments

Resicore is a suspoemulsion type formulation that is an easily handled product and should be mixed at least once just prior to the use season. Monthly mixing is a recommended best practice during the time the product is not being applied. Resicore will freeze in low temperatures. Freezing will not hurt the product. Prior to mixing the tank for the first time after freezing make sure there are no visible ice crystals in the product. Ice crystals can damage the recirculation pump. When freezing, Resicore has shown little to no expansion properties, however, it is a best practice to allow head space in bulk tanks to allow for expansion and contraction.

Product Density vs. Temperature

Temperature °F (°C)	30 (-1)	40 (4)	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)
Density (lb./gal.)	9.15	9.13	9.11	9.10	9.06	9.03	9.01

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 (>100)	1	1	0	None. Product can Freeze	Caution

Material / Product Compatibility	Rating	Comment
Stainless Steel , Glass Lined Steel or Epoxy coated carbon steel	OK	Stainless Steel is preferred.
Silicone rubber	OK	Preferred Elastomer
Polypropylene(High and Low Density), Teflon, Ultra High Molecular Weight Poly Propylene	OK	Good Resistance, High Density Polypropylene preferred.
Viton, SBR	Caution	May swell and soften moderately, may have a useful life for short time periods.
Mild Carbon Steel, Brass, Copper, Aluminum	No	Moderate to Severe corrosion due to the products low pH.
PVC, ABS, Acetal, and Nylon	No	Disintegrates, embrittles or stress cracks
Buna N, Neoprene, EPDM, and Hyplon	No	Severe swelling, softening or absorption

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 Tank Material of Construction and Requirements

Material of Construction	Stainless Steel is preferred. If State and Local laws permit, existing poly storage tanks may be utilized if the tank is free of cracks, UV degradation or other signs of aging or structural defects for no more than one month. Corteva Agriscience will not bear risk or liability associated with the use of poly bulk tanks. Carbon Steel tanks are not recommended because of moderate corrosion to the tank and likely discoloration or phase separation of the product because of its low pH value. Aluminum tanks are prohibited.
Venting Requirements	Normal venting is recommended.
Couplers	Standard 2" Kamlok Style Adapter with cap for receiving bulk deliveries.
Mixing Requirement	Mix the bulk tank well after each delivery and just prior to the use season. At minimum, circulate at least 2.4 volumes of the tank to ensure mixing. Off-season mixing is not required, however, monthly mixing during the time the product is not frozen is highly recommended.

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 bulk guide for additional general requirements.
Material of Construction	Stainless Steel is preferred. Polyethylene is allowed. Corteva Agriscience will not bear risk or liability with the use of polyethylene bulk tanks. Inspect each polyethylene tank for cracks, discoloration, or signs of structural flaws prior to each use.
Mixing	Resicore should be mixed well just prior to the use season and the first use of the tank. 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.

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