DuraCor™ 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.

General Storage Comments

DuraCor is a suspension concentrate of aminopyralid potassium and Rinskor. This product should be mixed prior to the use season, and monthly thereafter. DuraCor will freeze at low temperatures, though freezing product will maintain integrity. Prior to initial mixing, ensure that the product has thawed completely.

Product Appearance
Product is an opaque pink liquid.

Product Density vs. Temperature

Temperature °F (°C)	20 (-7)	30 (-1)	40 (4)	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)
Density (lb./gal.)	Frozen	8.86	8.836	8.812	8.788	8.764	8.74	8.716

See "Product Information & Safety" section of ***Bulk Storage & Handling Guide*** for more information.

Product Viscosity vs. Temperature

Temperature °F (°C)	20 (-7)	41 (5)	50 (10)	60 (16)	70 (21)	80 (27)	90 (32)	
Viscosity (cP)	Frozen	80	71.3	66	63.5	60.5	58.3	

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

Flash Point	NFPA 704 Diamond Ratings			Min. Storage Temperature °F (°C)	Freeze Point °F (°C)	EPA Signal Word
	Health	Flammability	Reactivity			
> 212°F (>100°C)	0	1	0	41°F (5°C)*	23°F (-5°C)	CAUTION

DuraCor does freeze when stored below -5°C (23°F) and expands when frozen. If product is left within lines and allowed to freeze, lines may rupture. Care should be exercised to ensure product is not left in circulation lines when exposed to cold weather climates. If the product does freeze in bulk tank, ice can float to the top of the container, and will require circulation to homogenize. Material can also phase separate at high temperatures. Circulation has been shown to be effective to homogenize.

*This is the lowest temperature that product is still in a flowable state.

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Material / Product Compatibility	Rating	Comment
Stainless Steel, Glass Lined Steel, Tin	OK	
Butyl, EP Rubber, Silicone, Delrin, Teflon	OK	
Polypropylene, Polyethylene (crosslinked, high-density and low-density),	OK	
Cast Iron	Caution	Cast iron has not been tested
Aluminum	OK	
Zinc	Caution	Zinc has not been tested
EPDM	Ok	
Nylon	Caution	Conditionally acceptable at 60day storage
Mild Steel, Brass, Bronze, Copper	Caution	Conditionally acceptable at 60day storage
Hypalon, SBR, Polyurethane, Neoprene, Buna N (nitrile), Viton, PVC,	OK	
ABS, Polycarbonate	OK	
Carboline Phenoline 300/302 Lining	Caution	Materials have not been tested

Bulk Tank Material of Construction and Requirements

Construction	Stainless steel (304/316) is most acceptable. Aluminum 5052 and 6061 is also effective.
Venting Requirements	No ventilation required
Couplers	Avoid copper and brass couplers and fittings. Stainless Steel is ideal. Standard 2” Kamlok Style Adapter with cap for receiving bulk deliveries.
Pumps	Self-priming centrifugal pump or positive displacement pump (gear, vane or lobe) that are equipped with a pressure relief valve bypass either around the pump or back to the bulk tank. Pumps should be equipped with a double mechanical seal.
Screens	40 mesh or larger screens are recommended for DuraCor.
Clean Up	Soap and water should be used as the clean-up solvent for both minor spills and for cleaning out tanks between aqueous based products. Dispose of cleaning water following all local regulations.

Refillable Container Handling

DOT	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.
Material of Construction	Stainless Steel is preferred. Polyethylene is allowed. Corteva 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	DuraCor should be mixed well prior to the use season, and monthly thereafter. 3 tank turnovers of mixing is adequate to ensure a homogenious mixture. Over the top mixing, or an in-tank jet nozzle mixing are recommended for bulk containers. For IBC containers, mixing for 30 minutes using a readily available tote mixer monthly is required.
Couplers	Avoid copper and brass couplers and fittings. Stainless Steel is ideal. Standard 2” Kamlok Style Adapter with cap for receiving bulk deliveries.

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NOTICE: *The information, procedures, methods, and recommendations herein are presented in good faith and are believed to be accurate and reliable as of the publication date, but may well be incomplete and/or not applicable to all conditions or situations. No representation, guarantee, or warranty is made as to the accuracy, reliability, or completeness of said information, procedures, methods, and recommendations. Nor is any representation, guarantee, or warranty made that application or use of any of the same will avoid hazards, accidents, losses, damages, or injury of any kind to persons or property, or give desired results, or that the same will not infringe patents of Corteva Agriscience or others. Readers must satisfy themselves as to the suitability of said information, procedures, methods, and recommendations prior to use.*

DuraCor is not registered for sale or use in all states.

Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state.

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