

SureStart® II 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

SureStart® II herbicide is an easily handled suspension that should be mixed once just prior to the season.

Product Density vs. Temperature

| | | | | | | | |
|---------------------|------------|-----------|------------|------------|------------|------------|--|
| Temperature °F (°C) | 30 (-1) | 40 (4) | 50 (10) | 60 (16) | 70 (21) | 80 (27) | |
| Density (lb./gal.) | 9.05 | 9.03 | 9.02 | 9.00 | 8.99 | 8.97 | |

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 | 0 | 0 | None. Product can freeze. | Warning |

See “Product Information & Safety” section of Bulk Storage & Handling Guide for more information.

| Material / Product Compatibility | Rating | Comment |
|--|---------|---|
| Stainless Steel, Glass Lined Steel, Tin | OK | Stainless steel preferred. |
| Silicone Rubber | OK | Preferred elastomer. |
| Polypropylene, Polyethylene (crosslinked, high-density and low-density), Delrin, Teflon (PTFE) | OK | Good resistance. |
| Butyl Rubber, EPDM Rubber, | Caution | EPDM & butyl rubber may swell and soften moderately, but have useful resistance |
| Nylon | Caution | Softens and loses tensile strength. May discolor. Not recommended. |
| Aluminum, Zinc, Galvanized Steel | No | Relatively severe pitting of aluminum at liquid-vapor interface. Solid corrosion byproduct formation possible. |
| Mild Steel, Brass, Bronze, Copper | No | Slight to moderate corrosion due to water in formulation. Will discolor formulation. May destabilize or separate formulation. |

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.

SureStart® II Herbicide

Supplement to Bulk Storage and Handling Guide

| | | |
|---|----|---|
| Hypalon, SBR, Polyurethane, Neoprene, Buna N (nitrile), Viton, PVC, Tygon | No | Severe swelling or absorption |
| ABS, Polycarbonate | No | Disintegrates, embrittles, or stress cracks |
| Carboline Phenoline 300/302 Lining | No | |

Bulk Tank Material of Construction and Requirements

| | |
|--------------------------|---|
| Material of Construction | Stainless steel is preferred. If state and local laws permit, existing polyethylene storage tanks may be utilized if the tank is free of cracks, UV degradation or other signs of aging or structural defects. Corteva Agriscience will not bear risk or liability associated with the use of polyethylene bulk tanks. Carbon steel tanks are not recommended because of moderate corrosion to the tank and likely discoloration or phase separation of the product. Aluminum tanks are prohibited. |
| Venting Requirements | Normal venting. |
| Couplers | Standard 2" Kamlok ² 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 twice the tank volume. Off-season mixing is not required, however, mixing monthly is a good practice. |

Refillable Container Handling

| | |
|--------------------------|---|
| DOT | Not regulated by US Department of Transportation; however, containers must meet EPA requirements specified in the Pesticide Container & Containment Rule. |
| Material of Construction | Stainless steel is preferred. Polyethylene is allowed. |
| Mixing | SureStart® II should be mixed well just prior to the use season. Containers with built-in circulation are best. 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 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 left behind. |
| Couplers | Standard couplers are acceptable. |

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 Dow AgroSciences, DuPont or Pioneer and their affiliated companies. Readers must satisfy themselves as to the suitability of said information, procedures, methods, and recommendations prior to use.

Trademark of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners.

SureStart® II 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.

Rev. 08/2020



² Trademark of Civacon Corporation

SureStart® II Herbicide
Supplement to Bulk Storage and Handling Guide