



# VALENT TANK CLEANER

For Removing Flumioxazin Residues  
From Spray Equipment

Active Ingredient	By Wt.
Sodium hydroxide .....	15-30%
Surfactants .....	1-5%
Other Ingredients .....	65-84%
Total	100%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER** Corrosive.  
 Causes Severe Skin Burns  
 And Eye Damage.  
**SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**



## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
**DANGER** Corrosive. Causes skin burns and irreversible eye damage. Do not get in eyes or on skin, clothing or mucous membranes. Harmful if inhaled, absorbed through the skin or swallowed. Do not mix with other chemicals as a release of gasses, heat or violent eruption may occur.

FIRST AID	
<b>If on skin or clothing:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>If in eyes:</b>	Hold eye open and rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. Immediately call a poison control center or doctor for treatment advice.
<b>If inhaled:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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**FIRST AID (continued)**  
**If swallowed:** Wash out mouth with water. Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER**  
 Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **1-800-892-0099** for emergency medical treatment information.

## PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

**Handlers must wear:** Protective eyewear (tightly fitting goggles), long-sleeved shirt and long pants, chemical-resistant impermeable gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes and socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should:
<ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> </ul>

## ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff may be hazardous to non-target plants and aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable, THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product, Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

To the extent consistent with applicable law, Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer

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assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and **subject to the Risks of Using This Product as described above. To the extent consistent with applicable law, AND EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

**To the extent consistent with applicable law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

**PROMPT NOTICE OF CLAIM**

To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability**, which may not be modified by any oral or written agreement.

**GENERAL INFORMATION** *Valent Tank Cleaner* uses: *Valent Tank Cleaner* is for use in removing flumioxazin residue that may be left in a sprayer used to apply BroadStar®, Chateau®, Fierce®, Fierce XLT, Gangster®, Payload®, Piper®, SureGuard®, Valor® SX or Valor XLT.

#### **DIRECTIONS FOR USE**

Spray equipment, including mixing vessels and nurse tanks, must be cleaned each day following flumioxazin application. After flumioxazin is applied, the following steps must be used to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles. The spray tank should be filled with enough water so that when the agitation is on, the water movement will rinse the entire inside of the tank.
3. With circulation on, add 1 gallon of *Valent Tank Cleaner* for every 100 gals of water (1% v/v), circulate through sprayer for 5 minutes, and then flush all hoses, booms, screens and nozzles for a minimum of 5 minutes. If diaphragms are being on the spray boom, loosen diaphragms before flushing the spray system, allowing cleaning solution to spray through the open diaphragm. If spray lines have any end caps, they must be loosened before flushing the system, allowing cleaning solution to spray through the loosened caps. For aerial application equipment, or other equipment with aluminum or other metal spray-lines, reduce the rate of the *Valent Tank Cleaner* to 2 qts for every 100 gals of water (0.5 x/x).
4. Tighten any loosened diaphragms and allow the cleaning solution to remain in the pressurized spray system (spray tank, hoses and boom) for 12 hours before flushing the system for a minimum of 15 minutes. A pressurized spray system is required to force the *Valent Tank Cleaner* into all parts of the spray system that may contain flumioxazin residues.

5. Spray rinsate on site approved for the pesticide being removed from the spray tank or by other procedures approved by appropriate authorities.
6. Remove all nozzles and screens, rinse them in clean water, and replace on sprayer.
7. Drain tank completely.
8. Add enough clean water to spray tank to allow all hoses, booms, screens and nozzles to be flushed for 2 minutes.
9. Sample of final rinse may be applied to a susceptible plant to ensure total decontamination.

Spray equipment, including all tanks, hoses, booms, screens and nozzles, should be thoroughly cleaned before it is used to apply postemergence pesticides. Equipment with flumioxazin residue remaining in the system may result in crop injury to the subsequently treated crop.

**THIS LABEL MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. PLEASE REFER TO CONTAINER LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS. FOLLOW ALL APPLICATION DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE LABEL.**

*BroadStar, Chateau, Fierce, Gangster, Payload, Piper, SureGuard, Valor and Products That Work, From People Who Care* are registered trademarks of Valent U.S.A. Corporation

Manufactured for  
**Valent U.S.A. Corporation**  
P.O. Box 8025  
Walnut Creek CA 94596-8025  
Made in U.S.A.  
Form 1714-B

Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.

Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).



For state registration and/or supplemental labels, please call or visit us online.

*Products That Work, From People Who Care*® | [valent.com](http://valent.com) | 800-6-VALENT (682-5368)

***Always read and follow label instructions.***

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