



# PowerLock®

## DEPOSITION AID, CANOPY PENETRATING AGENT, DRIFT CONTROL AGENT, NONIONIC SURFACTANT, and ANTIFOAMING AGENT

PRODUCT PROTECTED BY U.S. PATENT 5260260  
ADDITIONAL PATENT PENDING

### PRINCIPAL FUNCTIONING AGENTS:

Modified vegetable oil, alkyl phenol ethoxylate, vegetable oil.....	95%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANT.....	5%
TOTAL.....	100%

Surfactant content 32%

All ingredients are exempt for the requirements of a tolerance in 40 CFR 180.



**KEEP OUT OF REACH OF CHILDREN**



### WARNING

Flammable liquid and vapor. May cause damage to central nervous system, kidneys and/or liver through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS

Do not breathe mist or spray. Keep away from heat, sparks, open flames, hot surfaces. - No Smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves, eye protection and face protection.

Store in a well-ventilated place. Keep cool. Store in original container only and keep sealed. Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. Contact your state and local ACRC recycler or visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

**IN CASE OF FIRE:** Use alcohol-resistant foam, universal foam, water spray or water fog to extinguish.

### FIRST AID

**IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water/shower for 15-20 minutes.

Get medical attention if you feel unwell.

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL: CHEMTREC 1-800-424-9300

### GENERAL INFORMATION

Powerlock® is a multipurpose spray adjuvant designed to maximize pesticide performance by improving deposition, increasing canopy penetration and reducing spray drift. In addition, Powerlock® reduces surface tension of spray droplets to improve wetting of leaf surfaces and aid pesticide absorption by the leaves and foliage.

Powerlock® does not adversely affect spray pattern like other drift control adjuvants even when using air assisted type nozzles. To maximize efficacy, use Powerlock® in conjunction with proper: spray equipment, set-up, boom  
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height, nozzle type, nozzle size and pressure. Good judgment, proper selection and use of spray equipment, and Powerlock® can help professional applicators maximize pesticide performance.

## DIRECTIONS FOR USE

### MIX WELL BEFORE USING

Prior to use, read all directions on this label. Powerlock® may be used whenever a pesticide label allows for the addition of a drift control agent and a nonionic surfactant. Do not use on any vegetable crops in Crop Group 4: Leafy Vegetables (except Brassica Vegetables) Group. Always check pesticide label for specific crop use and application rates. Before mixing pesticides with Powerlock®, conduct a jar test to determine compatibility.

Rate/Acre	Pesticide
5 - 8 fluid ounces	Insecticides, Fungicides
5 - 8 fluid ounces	Herbicides, Defoliants: for deposition and canopy penetration
5 - 8 fluid ounces	Herbicides, Defoliants: for reducing drift

Do not add Powerlock® in excess of 1.6% of the finished spray volume.

Powerlock® can be applied by ground or air. Also, it can be used for aquatic applications including surface water. It is recommended that fungicides or insecticides be applied in a minimum of 5 gallons of spray solution per acre. Do not use less than 3 gallons of spray solution per acre.

### MIXING

Add Powerlock® after pesticides or other adjuvants are added, but prior to complete filling of the spray tank.

Direct Injection: Powerlock® can be applied through injection systems when it is added to one of the system's chemical injection tanks. An in-line mixing chamber is recommended.

- ✓ Step 1 Add Powerlock® to the chemical injection tank.
- ✓ Step 2 Pump the correct amount of Powerlock® into the line.
- ✓ Step 3 Pump the proper amount of water, pesticide, and other adjuvants into the line for mixing with Powerlock® and chemicals before going into the spray boom.

Do not mix Powerlock® with Alliance™, Class Act® NG®, or Superb® HC in an induction system or container when all the products are undiluted. Once they are mixed in water, all the products are compatible in any mixing order.

### Notice of Warranty

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

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