
ARBORCHEM

ArborGard

Nonionic Surfactant / Water Conditioner / Deposition Aid

PRINCIPAL FUNCTIONING AGENTS

A proprietary blend of water conditioners, humectants and nonionic surfactant (NIS) 100%
All ingredients are exempt from tolerance under 40 CFR 180

Patent Pending

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

Read label before use. Keep container tightly closed. Keep only in original container. Avoid breathing vapors or spray. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection.

Manufactured for:

ARBORCHEM Products

941 Nixon Drive • Mechanicsburg • PA 17055
717-766-6661

Made in the U.S.A.

NET CONTENTS: 2.5 U.S. Gallons (9.46 L)

FIRST AID

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.

GENERAL INFORMATION

ArborGard is a patent pending, multipurpose adjuvant formulated with surfactant emulsion technology that improves uniform coverage and conditions the mixing water without the use of AMS.

The surfactant system in **ArborGard** increases the activity and effectiveness of herbicides, fungicides and insecticides by breaking down the waxy cuticle on the leaf surface, and improving adhesion between the active ingredient and the plant surface.

ArborGard helps to prevent the loss of active ingredient efficacy that can occur when the mixing water is mineral saturated or of unknown quality.

ArborGard is engineered with patent pending deposition and drift reduction technologies that limit driftable fines by managing droplet size modification without pump shear or solution fatigue.

ArborGard is recommended for use on all agricultural crops and non-crops and is compatible with most active ingredients such as glyphosate, and 2,4-D and dicamba.

DIRECTIONS FOR USE

Always follow the directions on the most restrictive active ingredient label.

Tank mixtures should only be applied within the label recommendations of every product in the tank mixture.

May be used in aquatic applications. Consult the aquatic herbicide label for recommendations and restrictions.

Use only if a nonionic surfactant (NIS), water conditioner, drift reduction technology (DRT), and deposition agent are allowed or not excluded on the active ingredient label.

ArborGard does NOT contain ammonium sulfate (AMS).

Water soluble sediment may be observed. Shake well with water and add to tank mix when appropriate.

The sediment is normal polymer settling due to high molecular weight and is NOT an indication of chemical separation, spoilage or crystallization.

ArborGard remains 100% effective and has not lost activity.

NOTE: When combining new or unfamiliar components in any tank mix, the applicator should conduct phytotoxicity and jar tests to ensure compatibility and avoid damage to non-targeted species.

Order of addition

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wetttable Powders (WP) then Flowables (F, DF)
2. Agitate then add anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. **ArborGard** and other adjuvants

Prior to mixing, fill the spray tank with half of the carrier. Start the sprayer and check to make sure that all valves and gauges work and that there is adequate tank agitation.

USE RATE

| | Per 100 gallons spray solution | %w/v |
|---------------------------|--------------------------------|------------------|
| Herbicides and aquatic | 1 to 4 pints | 0.125% to 0.5% |
| Insecticides & fungicides | 8 ounces to 2 pints | 0.0625% to 0.25% |

The optimal rate of **ArborGard** may vary with environmental conditions and spray water quality. As field and application conditions change, an experienced operator should adjust the rates as needed.

STORAGE AND DISPOSAL

Storage: Water soluble sediment may be observed. Shake well with water and add to tank mix when appropriate. Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. Store between 40° and 90° F. If stored under the recommended temperature of 40 degrees, expect longer pump times. Shake well before using.

Disposal: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national, international regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrcycle.org.

WARRANTY: Arborchem warrants that this product, when used as directed, is reasonably fit for use as designated on this label. ARBORCHEM MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY. Arborchem's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall Arborchem be liable for indirect or consequential damages. This warranty shall not be changed by oral or written agreement unless signed by a duly authorized officer of Arborchem.