

D-W SURFACTANT 90™

LOW FOAM, NONIONIC SPREADER-ACTIVATOR

PRINCIPAL FUNCTIONING AGENTS

A proprietary blend of nonionic surfactants and humectants	90%
Constituents ineffective as a spray adjuvant	10%
TOTAL.....	100%

All ingredients are exempt from tolerance under 40 CFR 180.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with skin, eyes or clothing. Do not take internally. Do not eat, drink, smoke or chew gum while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. In addition, follow precautionary statements on all products used with this material. Clean affected clothing, shoes, and protective equipment before reuse.

Personal Protective Equipment: Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks.

SEE BACK OF CONTAINER FOR STATEMENT OF FIRST AID AND GENERAL INFORMATION

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



Manufactured For:

TRIANGLE CHEMICAL COMPANY

206 Lower Elm Street | Macon, Georgia 31208

CARDINAL CHEMICAL COMPANY

1583 Highway 258 South | Kinston, NC 28504



GENERAL INFORMATION

The surfactant system in **D-W SURFACTANT 90™** is engineered to provide the superior wetting ability necessary to carry and spread the active ingredient throughout the intended target.

D-W SURFACTANT 90™ increases the contact time between the pesticide and the target surface which improves penetration through a resistant or weather hardened cuticle and pesticide uptake to the mode of action site.

D-W SURFACTANT 90™ helps to slow drying time which allows the active ingredient to permeate through a waxy surface more effectively.

D-W SURFACTANT 90™ is formulated with a defoaming agent to help control foaming during the mixing process.

DIRECTIONS FOR USE

Not For Aquatic Use.

Follow the directions on all pesticide labels. If the pesticide does not specify the use of a surfactant and humectant follow the directions below. Use only if a surfactant and humectant is allowed or not excluded on the label.

D-W SURFACTANT 90™ meets the requirements of most pesticide manufacturers for a nonionic 90/10 surfactant.

Does not contain ammonium sulfate.

If the user does not have experience with the mixture being applied, perform a jar test using the order and amounts in the mixture and perform a phytotoxicity test to ensure crop safety.

Order of addition

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

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

Add **D-W SURFACTANT 90™** to the tank mix as the last ingredient.

Prior to mixing you should fill your spray tank with half of the carrier you intend to use, usually water. Then start the sprayer and check to make sure that all valves and gauges work and that you have proper tank agitation.

USE RATES

Application	Use rate per 100 gallon
Agriculture, citrus, turf	½ - 2 pints
Utility highway R.O.W	½ - 4 pints
Forest site preparation	1 - 4 pints
Aquatic/surface	½ - 4 pints
Aquatic/submerged	½ - 4 pints
Insecticides, fungicides, miticides	¼ - ½ pint

Rates may be adjusted as appropriate for varying field conditions. Mature, weather hardened species may require the higher use rate for effective treatment.

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 Swallowed: Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place. Store in original container only. Do not add anything to the container. Keep container tightly sealed when not in use. Do not store near fire, flame or other potential sources of ignition. Do not contaminate water, food or feed by storage or disposal of this product. For optimal storage, store between 40° and 90° F.

Disposal: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal if allowed by law. 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.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

WARRANTY: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk or any such use.