

OPTIFY® Z37

ACIDIFYING WATER CONDITIONER + NONIONIC SURFACTANT + METHYLATED SEED OIL

PRINCIPAL FUNCTIONING AGENTS:

Methylated seed oil, Alcohol ethoxylate phosphate ester, and Branched alkyl phenol ethoxylate 100%
All ingredients are exempt from tolerance under 40CFR 180.

KEEP OUT OF REACH OF CHILDREN WARNING



Causes skin irritation and serious eye damage. May be harmful if swallowed or inhaled.

READ ENTIRE LABEL BEFORE USING

PRECAUTIONARY STATEMENTS

Wear protective clothing, protecting gloves, and eye and/or face protection. Wash hands, face, and other affected areas thoroughly after handling. Do not eat, drink, or smoke while using this product. If eye or skin irritation occurs, seek medical attention.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Wear eye protection, face protection, protective gloves and protective clothing.

FIRST AID

CALL A POISON CONTROL CENTER OR DOCTOR IF YOU FEEL UNWELL

IF SWALLOWED: Call a POISON CENTER or doctor immediately for treatment advice if you feel unwell. Have the person rinse mouth and sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

IF ON SKIN: Call a POISON CENTER or doctor immediately for treatment advice if you feel unwell. Wash with plenty of water. If skin irritation occurs: Get medical advice.

IF ON CLOTHING: Take off contaminated clothing and wash it before reuse.

IF INHALED: Call a POISON CENTER or doctor immediately for treatment advice if you feel unwell. Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.

ADDITIONAL INFORMATION: Have the product container or label with you when calling a poison control center, or doctor, or going in for treatment. **In case of medical emergency, call toll free 1-877-424-7452.**

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

STORAGE: Store in a cool, dry place. Keep containers tightly closed. Store in original container. Do not allow water or other chemicals to be introduced into contents of container. Keep away from food, feed, or other products, especially oxidizing agents, to prevent contamination. Storage above freezing is recommended. If product freezes, warm and agitate (recirculate) prior to use.

DISPOSAL: Do not reuse empty containers. Triple rinse (or equivalent). Do not reuse container. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit www.agrecycling.org. Dispose of contents/container in accordance with local/national regulations.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:

CHEMTREC 1-800-424-9300

WA Reg. No. 1381-23003

DISTRIBUTED BY:
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ST. PAUL, MN 55164-0589

GENERAL INFORMATION

OPTIFY® Z37 is a convenient, low-foaming, multifunctional adjuvant developed to provide the benefits of a methylated seed oil, surfactant, and acidifying water conditioner. OPTIFY® Z37 contributes to enhanced weed control by lowering pH to manage hard water antagonism. The surfactant and MSO promote deposition, spreading, improve leaf penetration, and reduce evaporation. OPTIFY® Z37 can be used to buffer the tank mix for pH-sensitive active ingredients by lowering pH to about 4.5.

ENVIRONMENTAL HAZARDS

Not for aquatic use in California or Washington states. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

DIRECTIONS FOR USE SHAKE WELL BEFORE USING

Prior to use, read and follow all directions on this label and on the label of the pesticide being used. The pesticide manufacturer's label for specific usages, rates and restrictions have precedence over DIRECTIONS FOR USE referred to on this label.

MIXING: Fill spray tank half full with water and start agitation. Always add OPTIFY® Z37 first with the agitator running. Then add pesticides and continue to fill spray tank.

NOTE: OPTIFY® Z37 is an acidifier and may be physically or chemically incompatible with alkaline spray materials.

Tank mixes of fertilizers and pesticides may result in reduced effectiveness of the pesticide due to the tendency of the pesticide to hydrolyze in alkaline solutions above pH 7. Acidifying the solution to lower pH will reduce hydrolysis.

The rate needed depends on the alkalinity of the solution, and the specific tank mixture. If you don't know the starting pH of the solution, use an indicator such as litmus paper or a pH meter to determine the alkalinity of the solution before and after the addition of OPTIFY® Z37.

RECOMMENDED USE RATES:

Ground Applications, Buffering and pH Adjustment: Use 0.5 - 1.0% v/v.

Water Hardness (ppm or mg/L of calcium carbonate)	OPTIFY® Z37 per 100 gallons of water
0 – 150 ppm	2 quarts
150+ ppm	4 quarts

Aerial Applications: 6 to 8 fluid ounces per acre at 1-5 GPA.

NOTICE OF WARRANTY:

Seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the Seller. IN NO CASE SHALL SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. SELLER MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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