



# Vader®



## PENETRANT ACIDIFIER • DEPOSITION AID

### Principal Functioning Agents:

Phosphatidylcholine, methylated vegetable oil, alcohol ethoxylate .....	90%
Constituents Ineffective as Spray Adjuvant .....	10%
<b>TOTAL .....</b>	<b>100%</b>

CA REG. NO. 34704-50063; WA REG. NO. 34704-08004

**KEEP OUT OF REACH OF CHILDREN**



## DANGER

**Hazard and Precautionary Statements:** May be harmful if swallowed or in contact with skin. Harmful if inhaled. Causes serious eye damage. Causes skin irritation. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not contaminate water. Do not allow to enter drains, sewers, or watercourses.

**NET CONTENTS: 2.5 GAL. (9.46 L)**

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LOVELAND PRODUCTS, INC.® P.O. BOX 1286 GREELEY, CO 80632-1286

**Personal Protective Equipment (PPE):** Wear protective gloves/eye protection/face protection.

**First Aid: 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. Call a poison control center or doctor for treatment advice. **If on Skin:** 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. **If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have a 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. **If Inhaled:** 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.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565**

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

**GENERAL:** VADER® is a non-ionic, low foaming penetrant. VADER is specifically designed to improve the performance of WRANGLER® and other neonicotinoid classified chemistries. VADER will improve coverage and penetration of spray solutions. VADER may be used to acidify (lower pH) spray solutions thus preventing alkaline hydrolysis of pesticides sensitive to high pH. For tank mix compatibility concerns, conduct a jar test of the proposed mixture to ensure compatibility of all components. Mix components in the same ratio as the proposed tank mix. Application may be by ground or air.

**DIRECTIONS FOR USE:** VADER may be used on a wide variety of crops including fruits, vegetables, row crops, citrus, small grains, forage crops, vine crops, turf or in non-crop sites, and aquatic (wetlands). Some pesticides have stated adjuvant use rates. In all cases, the pesticide manufacturer's label should be consulted regarding specific adjuvant use recommendations and that rate followed. Do not add adjuvant at a level that would exceed 5% of the finished spray volume unless otherwise specified by the pesticide label.

**GENERAL USE:** Add VADER at 0.25% - 0.50% of the finished spray volume; 32 to 64 oz./100 gal.

**NOTE:** This product has demonstrated excellent plant safety; however, not all species and varieties of plants have been tested. Before treating a large area, test on a small area and observe prior to full-scale application.

**NOT FOR AQUATIC USE IN WASHINGTON.**

#### STORAGE AND DISPOSAL

**STORAGE:** Suggested storage above 40°F. If frozen, warm product before use. Store in cool, dry place. Store in original container. Keep tightly closed. Do not reuse empty container.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents/containers on-site or at an approved waste disposal facility. Triple rinse (or equivalent) adding rinse water to spray tank. Offer container for recycling or dispose of container in sanitary landfill, or by other procedures approved by appropriate authorities. 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 the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org).

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**BEFORE BUYING OR USING THIS PRODUCT,** read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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