

# LI 700®



## PENETRANT • ACIDIFIER DEPOSITION AID DRIFT CONTROL AGENT

**Principal Functioning Agents:**

Phosphatidylcholine, methylacetic acid and alkyl phenol ethoxylate .....	.80%
Constituents Ineffective as Spray Adjuvants .....	.20%
<b>TOTAL .....</b>	<b>.100%</b>

CA Reg. No. 34704-50035

WA Reg. No. 34704-04007

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**NET CONTENTS: 2.5 U.S. GALLONS (9.462 L)**



Loveland Products, Inc. • PO Box 1286 • Greeley, CO 80632



**Precautionary Statements:** DANGER – Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles or face shield) and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment:** Wear protective eyewear (goggles or face shield), chemical-resistant gloves, coveralls worn over long-sleeved shirt and long pants, and chemical-resistant footwear plus socks.

**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 the person 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 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.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**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:** LI 700® is a non-ionic, low foaming penetrant. LI 700 may be used to enhance the activity and effectiveness of agricultural and industrial chemicals. LI 700 provides more uniform coverage of spray solutions and aids in penetration. LI 700 may be used to acidify (lower pH) of spray solutions thus preventing alkaline hydrolysis of pesticides sensitive to high pH. LI 700 improves deposition and retards drift by producing a more uniform spray pattern. The degree of drift hazard varies with the type of pesticide and application conditions. Common sense and sound application technology must be followed when spraying pesticides. LI 700 will retard, but not eliminate, drift. LI 700 is compatible with most pesticide formulations including water-soluble, flowable and wettable powders. 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:** LI 700 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, aquatic (including wetlands), forestry (site preparation and release), industrial (storage areas, plant sites, and other similar areas including governmental and private lands), grasslands (including pastures, rangeland and fence rows), rights-of-way (utility, railroad and roadsides), turf (golf courses, parks, and sod farms), and ornamentals (container, field or greenhouse). 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.

**Acidifying Agent: Highly alkaline water (pH 8 or higher)** 8 to 16 ounces per 100 gallons of spray mixture. **Mildly alkaline/acid water (pH 6.5 to 8)** 4 to 8 ounces per 100 gallons of spray mixture.

**NOTE:** LI 700 is an acidifier and may be physically or chemically incompatible with alkaline spray materials.

**General Use: Herbicides (terrestrial or aquatic), Defoliants, Desiccants:** 1 to 4 pints per 100 gallons of spray mixture when used as a penetrant. 12 ounces to 2 pints per acre when used in place of crop oil concentrates. **Insecticides, Fungicides, Acaricides, Plant Growth Regulators, Foliar Nutrients:** ½ to 2 pints per 100 gallons of spray mixture. **Drift Reduction:** 1 to 2 quarts per 100 gallons of spray mixture.

**Non Crop Sites:** 1 to 8 pints per 100 gallons (1 to 6 fluid ounces per 5 gallons) of spray mixture.

**Turf and Ornamentals:** 1 to 4 pints per 100 gallons (1 to 3 fluid ounces per 5 gallons) of spray mixture.

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

#### 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. Wastes may be disposed of 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.