

# LI 700<sup>®</sup>

## SURFACTANT PENETRANT ACIDIFIER

### INGREDIENTS:

Phosphatidylcholine, methylacetic acid and alkyl polyoxyethylene ether .....	80%
Constituents ineffective as adjuvants .....	20%
TOTAL .....	100%

Ingredients exempt from residue tolerance under 40 CFR 180.1001

CA REG. NO.  
36208-50022

**LOVELAND  
INDUSTRIES INC.**

PO Box 1289 • Greeley, CO 80632-1289  
(970) 356-8920

LID193

## DANGER: Liquid Causes Skin and Eye Injury

### Statement of Practical Treatment:

**If in Eyes:** Treat as corrosive. Flush with water for 15 minutes, then get medical attention.

**If on Skin:** Treat as corrosive. Remove contaminated clothing. Wash with soap and water. Get medical attention.

**If Swallowed:** Call a physician immediately. Drink two (2) glasses of water. Induce vomiting.

**If Inhaled:** Remove victim to fresh air; apply artificial respiration if necessary.

**General:** LI 700 is a non-ionic, low foam surfactant. LI 700 may be used as a surfactant to enhance the activity and effectiveness of agricultural chemicals, such as herbicides, defoliant, desiccants, plant growth regulators, insecticides, fungicides, foliar nutrients and acaricides. Application may be done by ground or air. LI 700 provides more uniform coverage by decreasing surface tension of spray solutions thus aiding in penetration. LI 700 may be used as an acidifying agent to lower pH of spraying solutions thus preventing alkaline hydrolysis of pesticides sensitive to high pH.

**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. 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.

**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), Defoliant, Desiccants:**

1 to 4 pints per 100 gallons of spray mixture when used as a surfactant/penetrant.

12 ounces to 2 pints per acre when used in place of crop oils.

**Insecticides, Fungicides, Acaricides, Plant Growth Regulators, Foliar Nutrients:**

1/2 to 2 pints per 100 gallons of spray mixture.

**Turf, Ornamental and Industrial Spraying:** 1 to 4 pints per 100 gallons (1 to 3 fluid ounces per 5 gallons) of spray mixture. This product has demonstrated excellent plant safety; however, not all species have been tested. Before treating a large area, test on a small area and observe prior to full scale application.

**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.

**Notice:** Loveland Industries, Inc. warrants that the product conforms to the chemical description on the label thereof and is reasonably fit for the 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, equipment damage or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of application or use all of which are beyond the control of Loveland Industries, Inc. In no case shall Loveland Industries, Inc. 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. Loveland Industries, Inc. makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.