

# ACTIVATOR 90

## NON-IONIC SURFACTANT PENETRANT • ANTIFOAMING AGENT

### Principal Functioning Agents:

Alkylphenol ethoxylate, alcohol ethoxylate and tall oil fatty acid .....	90%
Constituents ineffective as spray adjuvant .....	10%
<b>TOTAL</b> .....	<b>100%</b>

CA Reg. No. 34704-50034  
WA Reg No. 34704-04001

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

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

LTF0804-F0807



**Loveland**  
PRODUCTS INC.  
PO Box 1286 • Greeley, CO 80632-1286

**CAUTION:** Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash clothing before reuse. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. **Personal Protective Equipment:** Wear Long-sleeved shirt and long pants, Socks, Shoes and Gloves.

Lift  
here

**First Aid:**

**If on skin or**

**clothing:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**If in eyes:**

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

**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 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.

**General:** ACTIVATOR 90 is a low-foaming, non-ionic type spreader adjuvant. ACTIVATOR 90 provides quick wetting, more uniform distribution, and increases retention of spray by reducing surface tension of the spray droplets. ACTIVATOR 90 is a water soluble adjuvant that may also be used as an interfacial agent for wettable powders. Variations in conditions of use can cause some variation in the amount of ACTIVATOR 90 required. The minimum required to give a smooth, uniform coverage usually gives the most effective results.

**Mixing Instructions:** For wettable powders and water soluble materials, add ACTIVATOR 90 in water before adding pesticide to spray tank. For emulsifiable products, add ACTIVATOR 90 after a good emulsion is formed.

**Directions for use:** 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. 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. Not for aquatic use in Washington.

**Herbicides, Defoliants, Desiccants:**

1 to 4 pints/100 gallons of spray mixture.

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

1 to 4 pints/100 gallons of spray mixture.

**Turf, Ornamental, and Industrial Spraying:** 1 to 4 pints per 100 gallons of spray mixture. NOTE: This product has demonstrated excellent plant safety; however, not all species and varieties have been tested. Before treating a large area, treat a small area and observe prior to full-scale application. DO NOT USE ON ROSES.

**Storage:** Store in cool, dry place. Store in original container. Keep container 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 ACRA recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org).

**Text continued on back side of label.**



ACTIVATOR 90 2.5GL/LTF0804-F0807

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**CONDITIONS OF SALE AND  
LIMITATION OF WARRANTY AND LIABILITY**

**BEFORE BUYING OR USING THIS PRODUCT**, read the entire 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 in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, 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 strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL, THIS PRODUCT IS SOLD "AS IS." LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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