

# 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**



## WARNING

**Precautionary Statements:** May be harmful if swallowed. May be harmful in contact with skin. Harmful if inhaled. Causes eye irritation. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.  
**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:

- 30 GL (113.6 L)  
 275 GL (1040.9 L)  
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Loveland Products, Inc.® • PO Box 1286 • Greeley, CO 80632-1286

**Personal Protective Equipment:** Wear protective gloves and eye/face protection.

**First Aid: If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice. **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. Call a poison control center or doctor immediately 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 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.

**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:** *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.

**THIS PRODUCT CAN BE USED IN THE FOLLOWING SETTINGS: AGRICULTURAL, AQUATIC, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, ORNAMENTAL, RIGHTS-OF-WAY AND TURF. (NOT FOR AQUATIC USE IN WASHINGTON.)**

**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.

**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 3 ounces per 5 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 AND DISPOSAL**

**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. Dispose of contents/container 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.