

# FLAME®



## SPRAY ADJUVANT NON-IONIC SURFACTANT and WATER CONDITIONING AGENT

A Specially Formulated Product Designed to Enhance the  
Performance of Glyphosate and Other Herbicides

### Principal Functioning Agents:

Paraffinic Oil, Ammonium Sulphate and Alkyl Polyglucoside .....	52.7%
Constituents Ineffective as Spray Adjuvants.....	47.3%
<b>TOTAL</b> .....	<b>100.0%</b>

CA Reg No. 34704-50047  
WA Reg No. 34704-07003  
Patent 7,314,848

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### NET CONTENTS:

- 30 GL (113.6 L)  
 275 GL (1040.9 L)  
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Causes moderate eye irritation. Harmful if inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**Personal Protective Equipment:** Wear protective eyewear and long sleeved shirt, pants and socks and shoes.

**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 or clothing:** 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:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. 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. If contact is made with a spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide label(s).

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

### STORAGE AND DISPOSAL

Store in original container only. Do not contaminate water, food, or feed by storage or disposal. Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

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

**General: FLAME® Spray Adjuvant** improves your spray results by:

- Protecting your herbicides from deactivation due to hard water (eg. Ca & Mg ions)
- Aiding droplet retention and increased spreading on weed surfaces
- Assisting herbicide penetration through waxy weed surfaces

**FLAME Spray Adjuvant** is a specialized blend of non-ionic surfactants, highly refined mineral oil and ammonium sulphate that is suitable for use as a spray adjuvant with certain herbicides. Herbicidal activity is enhanced by wetting and penetrating weed surfaces and by preventing the reduction of activity associated with adverse water quality or environmental conditions. **FLAME Spray Adjuvant** may reduce the antagonism that certain combinations of herbicides exhibit.

**Directions for Use: For Terrestrial Use Only – Not For Aquatic Use**

**Environmental Hazards:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**General Use Rates: NOTE: 2 quarts of FLAME provides 0.6 lbs ammonium sulfate**  
One (1) quart to one (1) gallon per 100 gallons of the spray solution.

The high end of the **FLAME Spray Adjuvant** usage rate is recommended when;

- Mixing in hard water (>340 ppm hardness as CaCO<sub>3</sub>)
- Conditions are hot or dry
- Treating difficult to control weeds
- Weeds are stressed

**Mixing:** Follow the directions on the herbicide product's label.

**NOTE:** To minimize the loss of activity that may be experienced when using certain herbicides in adverse conditions eg. glyphosate in hard water, it is advisable to add **FLAME Spray Adjuvant** to the water prior to adding the herbicide.

**Equipment Maintenance:** Components of **FLAME Spray Adjuvant** may be mildly corrosive to copper, brass, or galvanized parts. Thoroughly flush tanks, pumps and nozzles with water after use.

### 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 AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND 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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