

GENERAL INFORMATION

EMBER is a blend of special surfactants and water conditioning agents designed for use with a broad range of herbicides. It is particularly effective with herbicide products based on glyphosate. The addition of EMBER to a spray tank improves herbicide application by modifying the wetting and deposition characteristics of the spray mixture resulting in a more even and uniform spray deposit. EMBER is also effective for increasing the degree and rate that some herbicides are absorbed in plant tissue. Optimum application and effects, however, can be influenced by the crop, pest, spray equipment, spray volume, pressure, droplet size, spray mixture and environmental factors.

DIRECTIONS FOR USE

For agricultural, forestry, industrial, municipal, non-cropland, ornamental and rights-of-way. Not for aquatic use.

EMBER is intended to tie up cations, condition the spray water and enhance the herbicide penetration of many anionic (negatively charged) acid or salt formulations of herbicides. The addition of an adjuvant to some herbicides or herbicide tank mix combinations may cause phytotoxicity to the foliage and/or fruit susceptible crops. Prior to the addition of EMBER to spray tank mixes prior to the use of EMBER with a herbicide where an adjuvant is not specifically recommended but not prohibited by the manufacturer, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial if EMBER is to be applied directly to crops or other desirable vegetation.

**MIXING:** EMBER should be added to the spray water with adequate agitation prior to the addition of glyphosate or other post-emergent herbicide. Fill the tank half full, add EMBER and finish filling before adding herbicide.

**APPLICATION RATES:** Mix EMBER at the rate of 1 to 4 quarts per 100 gallons of total spray solution for use with the herbicides. Do not lower the pH of these tank mixtures below 4.0 as precipitates may form. Where use rates of EMBER are below 2 quarts per 100 gallons, the addition of 0.5 to 1 quart of a good nonionic surfactant per 100 gallons (0.25% to 0.5% v/v application) may be desirable to improve activity. Prior to any herbicide application all spray mixing and application equipment must be cleaned. Carefully observe all cleaning directions on the herbicide label. Fill spray tank one-half full with water and begin agitation. Add EMBER and herbicides and/or fertilizers as directed by labeling or in the following sequence:

- 1) Dry flowables or water dispersible granules
- 2) Wettable powders
- 3) Flowables
- 4) Solutions
- 5) Emulsifiable concentrates

**Note:** The above use recommendations are considered to be adequate for most uses. Some pesticides, however, may require higher rates for optimum effect. Follow the pesticide label directions when this occurs.



HERBICIDE ACTIVATOR AND WATER CONDITIONER

<b>PRINCIPAL FUNCTIONING AGENTS:</b>	
Citric acid, tallow amine ethoxylated, urea sulfuric acid complex, alpha-tridecyl-omega-hydroxy(oxyethanol) phosphate.....	56.4%
CONSTITUENTS INEFFECTIVE AS SPRAY ADJUVANTS.....	43.6%
<b>TOTAL.....</b>	<b>100%</b>

# KEEP OUT OF REACH OF CHILDREN

## WARNING

### Hazard Statements

Causes eye and skin irritation. May be harmful if swallowed.

PRECAUTIONARY STATEMENTS

**WARNING:** Avoid breathing mist/ vapors/ spray. Wash thoroughly with soap and water after handling. Do not eat, drink or smoke after using this product. Use only outdoors or in a well-ventilated area. Take off contaminated clothing and wash it before reuse. Specific treatment see First Aid section on this label or Safety Data Sheet. Store locked up. Dispose of contents/container according to instructions in the Storage and Disposal section on the label.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Chemical-resistant gloves, long- sleeved shirt and long pants, and shoes plus socks. Wear eye protection/face protection.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment wash-waters. Avoid release to the environment. VERY TOXIC TO AQUATIC LIFE.

FIRST AID

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention.

**IF SWALLOWED:** Rinse mouth. Call a poison control center or doctor if you feel unwell. 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 or convulsing person.

**IF ON SKIN:** Immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash thoroughly with soap and water. Wash clothing before reuse.

**IF INHALED:** Not normally needed. Remove to fresh air if breathing is difficult. Give oxygen and call a physician.

TANK MIXTURES

EMBER may be mixed with all anionic herbicides to enhance and improve the consistency of post-emergent weed control. Mix with herbicides containing 2, 4-D, MCPA, MCPP, dicamba, triclopyr, fluroxypyr, clopyralid, quiclorac, picloram, diclofop, fenoxa-prop, clodinafop, sethoxydim, glyphosate, glufosinate, bromoxynil, haloxyfop, quizalofop, imazamethbenz, imazapyr, imazaquin, imazethapyr and imazamox. EMBER will also enhance the contact effect of most other post-emergent herbicides. Tank mixtures that contain EMBER and a sulfonamide or sulfonamide herbicide should be applied within 12 hours after mixing.

STORAGE AND DISPOSAL

**STORAGE:** Store in original container away from children, animals, foods, feeds, seeds and incompatible materials. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal. Do not contaminate water, food or feed by storage and disposal.

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) during mixing and loading. 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 or local ACRC recycler, visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

**NOTICE:** The statements made on this label are believed to be true and accurate but because of conditions of use which are beyond our control, Mar Vista Resources, LLC, does not make nor does it authorize any agent or representative to make any warranty, guarantee or representation expressed or implied, concerning this material or the use thereof, except in conformity with the statements of the label. Neither Mar Vista Resources, LLC, nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material not in accordance with the directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions. This product meets EPA requirements under Title 40 CFR 180.

NOT FOR AQUATIC USE

CA REG. NO. 1051226-50021-AA

NET CONTENTS  
2.5 GAL



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