

# SUFFUSION™ LIQUID

SPECIMEN LABEL

**An effective blend of surfactants for use on all types of growing media in nurseries, greenhouses, interior plantscapes, soil production and turfgrass.**

**CONTAINS NON-PLANT FOOD INGREDIENT**

**ACTIVE INGREDIENT:** 100% Alkoxyether Surfactants

## KEEP OUT OF REACH OF CHILDREN CAUTION / AVISO

FIRST AID	
<b>IF IN EYES</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li></ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li></ul>
In case of emergency call toll free the OHP, Inc. Emergency Telephone No. 1-800-356-4647. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

### PRECAUTIONARY STATEMENTS

- Causes irritation to eyes and skin. Harmful if swallowed. Avoid breathing vapor or mist.
- Do not apply this product in a manner as to directly or through drift, expose workers or other persons.
- Applicators and other handlers of the product must wear: Goggles or facial splash shield, chemical resistant gloves, such as nitrile rubber or neoprene rubber, coveralls or long pants, long sleeved shirt, shoes and socks.

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**FOR TRANSPORTATION EMERGENCIES ONLY CALL  
CHEMTREC 1-800-424-9300**

**FOR HEALTH and SAFETY and PRODUCT USE INFORMATION CALL  
1-800-356-4647**

### GENERAL INFORMATION

**IMPORTANT:** Read the entire DIRECTIONS FOR USE, GENERAL INFORMATION AND LIMITATION OF WARRANTY AND CONDITIONS OF SALE before buying or using this product.

**Net Contents: 2.5 gallons (9.46 L) or 30 gallons (113.52 L)**

**SUFFUSION LIQUID** is an effective blend of surfactants for use on all types of growing media in nurseries, greenhouses, interior plantscapes, soil production and turfgrass.

#### Specifically developed to:

- Improve water penetration and retention of optimum moisture levels.
- Give excellent initial wetting and long term re-wetting.
- Assist uniform wetting and drying of the growing media.
- Improve drainage.
- Easily mixed under cold conditions.

### DIRECTIONS FOR USE

**SUFFUSION LIQUID** can be:

- Incorporated in the growing media.
- Applied as a drench.

### Growing Media Preparation – Incorporation

Production Area	Rate / cubic yard	Longevity Requirements / Growing Media Conditions
Containers, field soil, long term production cycles	6 fl. oz.	Maximum longevity (9 - 12 months) Severely water repellent media
Pots, hanging baskets, medium term production cycles	4-5 fl. oz.	Medium longevity (3 - 6 months) Moderately water repellent media
Flats, pots, trays, plugs, short term production cycles	2-3 fl. oz.	Short term activity (2 - 6 weeks) Slightly water repellent media

Note: There may be variations in longevity under variable growing conditions.

Further applications can be made as necessary during production (see below).

#### Water Volume

Mix **SUFFUSION LIQUID** with water before application.

Apply in 2 gallons of water per cubic yard of growing media.

To achieve an even mix spray as evenly as possible while growing media is blending.



## Growing Media Preparation – Drench

Production Area	Rate PPM	Longevity Requirements/Growing Media Conditions
Containers, field soil, balled and burlap stock, long term production cycles	1000 - 1500 13-19 fl. oz. / 100 gals water	Maximum longevity (6 - 12 months) Severely water repellent media
Pots, hanging baskets, medium term production cycles	600 - 1000 8 - 13 fl. oz. / 100 gals water	Medium longevity (2 - 6 months) Moderately water repellent media
Flats, pots, trays, plugs, short term production cycles	300 - 500 4 - 6 fl. oz. / 100 gals water	Short term activity (2 - 6 weeks) Slightly water repellent media

Note: There may be variations in longevity under variable growing conditions.

Prepare the appropriate dilution of **SUFFUSION LIQUID** by mixing in water and drench onto soil media surface. Further applications can be made as required.

Under dry conditions increasing the water volume assists the movement of **SUFFUSION LIQUID** into the growing media.

## Growing Media in Production - Irrigation

Production Schedule	PPM
Daily Feeding	5
Weekly Feeding	50

Use higher rates if media is severely water repellent and water management is of high priority.

Use a test jar to determine physical compatibility.

## Turfgrass Applications

Apply **SUFFUSION LIQUID** at 2-4 quarts per acre per month. **DUE TO THE SPEED AT WHICH THIS UNIQUE CHEMISTRY WETS OUT THE SOIL SUFFUSION LIQUID MUST BE WATERED IN IMMEDIATELY AFTER APPLICATION.**

For best results apply 2 quarts per acre every 2 weeks. More frequent applications at lesser rates can also produce favorable results.

## Additional Usage Areas

Production Schedule	PPM	
Prior to shipment	500 - 1000	Drench containers, hanging baskets and trays prior to shipment.
Interior plantscapes	500 - 1000	Drench containers, hanging baskets and planters.
Misting cuttings	150	Spray freshly stuck cuttings with a very fine mist to the point of run off.
Dying cut flowers	150	Incorporate <b>SUFFUSION LIQUID</b> in the dye solution.
Continuous overhead watering Young plants Established plants	10 - 20 20 - 50	For removal of sitting water on foliage.

It is advised to pre-spray a small selection of ornamental plants if local use experience is unavailable and observe for 3 to 5 days for sensitivity.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Product Storage:** Store only in original container. Keep container tightly closed. Keep in a safe and locked storage place. Do not allow water to be introduced into the contents of this container. Protect from frost and avoid extremes of storage temperatures.

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

**Container Handling:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of containers into a sanitary landfill or by incineration or dispose of in accordance with Federal, state and local laws.

## LIMITATION OF WARRANTY AND CONDITIONS OF SALE

Read this LIMITATION OF WARRANTY AND CONDITIONS OF SALE before buying or using this product.

OHP, Inc. warrants that this product conforms to the chemical description on the label and if used in accordance with directions for use, is fit for the purpose referred to. It is impossible, however, to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of OHP, Inc. All such risks are expressly assumed by the buyer.

Manufactured for:  
OHP, Inc.  
P. O. Box 51230  
Mainland, PA 19451  
(800) 356-4647

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OHP, Inc. makes no other warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above. Under no circumstances shall the manufacturer be held liable for consequential or indirect damages resulting from the use or handling of this product. Damages caused by this product shall be limited to the purchase price.

Information regarding the contents and levels of metals in this product is available on the internet at <http://aapfco.org/metals.htm>.

SUFFUSION is a trademark of AmegA Sciences, Inc.

Guaranteed by:

AmegA Sciences Inc., Lakeland, FL 33812

