



REV 12/15 A1 GHS
FFN 04001



**FOR USE ON
LIQUID
PHOSPHATE
FERTILIZERS**

**FOR
AGRICULTURAL,
TURF AND
HORTICULTURAL
USES**

**NOT A
PLANT FOOD
PRODUCT.**

AVAIL® FOR LIQUID PHOSPHATE FERTILIZERS

Reduces Phosphate Fixation

Active Ingredient -
30% wt./wt.....partial ammonium salt of
maleic-itaconic copolymer
Inert Ingredients -
70% water

DANGER

**Causes severe
skin burns
and eye damage.**



PRECAUTIONARY STATEMENTS

Do not breath mist or spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves, clothing, eye protection, and face protection. Immediately call a poison center or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a poison center or doctor/physician.

IF ON SKIN (OR HAIR): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison control center or doctor/physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

GENERAL INFORMATION

AVAIL FOR LIQUID PHOSPHATE FERTILIZERS is designed to be mixed into liquid phosphate fertilizers (i.e., 10-34-0 and other liquid phosphate fertilizers), to sequester antagonistic metals in the soil in the vicinity of the applied phosphate, reduce tie-up of phosphate, and make phosphate more available to the plant. AVAIL increases

phosphate availability through all stages of plant growth, including the early development period crucial for increasing yield potential. AVAIL is water soluble, biodegradable, and nontoxic. When undisturbed, AVAIL for LIQUID PHOSPHATE FERTILIZERS inhibits phosphate fixation and may also be used with fall fertilizer applications.

AVAIL FOR LIQUID PHOSPHATE FERTILIZERS IS A **NON-PLANT FOOD INGREDIENT**, AND NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE.

APPLICATION RATES

AVAIL treated phosphate fertilizer should be applied to the soil in the same manner as phosphate fertilizers without AVAIL.

NOTE: When using AVAIL, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

SOIL TYPES AND CROPS

AVAIL is designed to reduce fixation of phosphate fertilizers in any soil type and to be used with any crop where phosphate fertilizer is deemed by best management practices to be useful for plant growth and development.

MIXING RATE OF AVAIL FOR LIQUID PHOSPHATE FERTILIZERS

AVAIL FOR LIQUID PHOSPHATE FERTILIZERS is recommended for use at a rate of 0.5% (0.5 gallons of AVAIL with 99.5 gallons of liquid tank mix). AVAIL concentration needs to be 0.5% of total tank mix.

MIXING INSTRUCTIONS

To test compatibility of AVAIL FOR LIQUID PHOSPHATE FERTILIZERS with pesticides, surfactants and other products, a proportional mixture of AVAIL (Using Mixing Rates stated on the Label), liquid phosphorus fertilizer and the other products to be tested should be mixed in a jar or beaker, prior to adding AVAIL or liquid phosphate fertilizer containing AVAIL to an entire tank mix. AVAIL should only be

added to the liquid tank mix after the liquid phosphorus fertilizer has been added.

"316" stainless steel pumps and attachments are recommended. When seals are used, seals made of "Gore-tex", "Teflon" or "Viton" are required.

USE PRECAUTIONS KEEP OUT OF THE REACH OF CHILDREN DO NOT INHALE OR SWALLOW

DO NOT USE AVAIL FOR LIQUID PHOSPHATE FERTILIZERS on granular phosphate fertilizers. AVAIL FOR LIQUID PHOSPHATE FERTILIZERS may be used with liquid phosphate fertilizers designed to be used as pop up fertilizers and other sensitive applications when thoroughly mixed into those fertilizers prior to their application. Read SDS, and label before use, including but not limited to "USE PRECAUTIONS" and "Warranty/Limitations of Remedies". Always wear proper personal protection and follow instructions for treatment and application. Use according to label directions. AVAIL FOR LIQUID PHOSPHATE FERTILIZERS must be thoroughly mixed into liquid phosphate fertilizers pursuant to the rate stated on this label. **FAILURE TO FOLLOW MIXING INSTRUCTIONS COULD CAUSE SEED DAMAGE! DO NOT APPLY AVAIL FOR LIQUID PHOSPHATE FERTILIZERS AS A SEED COATING.**

When using AVAIL always wear safety gear such as masks and safety glasses. Wear long sleeves, and long pants and use natural or butyl rubber gloves. Apply AVAIL in well ventilated areas. Due to the possibility of eye and skin irritation, avoid contact. In case of accidental contact with eyes or skin, flush with ample water. If irritation persists, contact a physician. Could be harmful if inhaled or swallowed. Empty containers may contain residue. All label warnings apply to empty container.

Store locked up. Dispose of contents/container to an approved waste disposal plant.

Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes, always adhering to applicable provisions of federal, state, and local laws

and regulations. Completely empty contents into application equipment. Dispose of empty container by depositing in sanitary landfills, or as required by law. Do not reuse containers. Observe all warnings on label. Read the Safety Data Sheet prior to use.

WARRANTY

Verdesian Life Sciences U.S., LLC warrants that this Product conforms to the specifications set forth on the label. This Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use.

VERDESIAN NEITHER MAKES, NOR AUTHORIZES ANY AGENT, REPRESENTATIVE OR THIRD PARTY TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE CONDITION, QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Neither the warranty of merchantability nor fitness for a particular purpose, expressed or implied, extends to the use of this Product contrary to label instructions or under abnormal conditions or under conditions not foreseeable to the Seller or Verdesian. Limitation of Remedies. The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories), shall be limited to, at Verdesian's election, one of the following: (1) replacement of the amount of product used; or (2) refund of the purchase price paid for the product; provided that Verdesian's provision of (1) or (2) is conditioned on its first being promptly notified of such loss or damage in writing. Verdesian shall not be liable to the buyer or any other party claiming by, through, or under the buyer for any other losses or damages resulting or relating to this product, including but not limited to any direct, indirect, special, punitive, economic, incidental or consequential damages or loss of profits, whether in contract, tort or otherwise. Verdesian neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale, storage, use or handling of this product other than expressly set forth herein.

This product is manufactured by:

Verdesian Life Sciences, U.S., LLC 1001 Winstead Drive, Suite 480, Cary, NC 27513

Customer Service: 800-868-6446

AVAIL is a registered trademark of Verdesian Life Sciences.

© 2015 Verdesian Life Sciences. All rights reserved.

