



REV 04/18 CO GHS
FFN 04009



FOR
LIQUID NITROGEN
FERTILIZERS

NutriSphere-N HV™ (N-N HV™) for LIQUID NITROGEN FERTILIZERS

N-N HV for LIQUID NITROGEN FERTILIZERS manages and protects liquid nitrogen fertilizers.

NON-PLANT FOOD INGREDIENT

Active Ingredient:

40.00%.....Partial calcium salt of maleic-itaconic copolymer

Inert Ingredients:

60.00%.....water
NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE.

DANGER
Causes severe skin burns and eye damage.



PRECAUTIONARY STATEMENTS

Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. 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. 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 center or doctor/physician.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

STORAGE/DISPOSAL

Store locked up. Dispose of contents/container to an approved waste disposal site in accordance with applicable local, regional, and national laws and regulations.

NOTICE

N-N HV is water soluble and biodegradable. Do not spray onto granular nitrogen fertilizers or use on seed. N-N HV FOR LIQUID NITROGEN FERTILIZERS IS NOT COMPATIBLE WITH OTHER FORMS OF NutriSphere-N® AND SHOULD NOT BE MIXED TOGETHER. Read SDS, and label before use, including but not limited to "Use Precautions", and "Warranty". Always wear proper personal protection and follow instructions for treatment and application.

Use according to label directions.

SOIL TYPES AND CROPS

N-N HV may be used with any crop and in any soil type where best management practices recommends the use of nitrogen fertilizers.

MIXING RATE

N-N HV for LIQUID NITROGEN FERTILIZERS is recommended at a rate of 0.64 fl oz/gallon (0.5% v/v) with a maximum of 18 fl oz N-N HV per acre per season, and with a minimum of 15 gallons of fertilizer or carrier per acre. At spray volumes greater than 28 GPA, the application rate is 18 fl oz/A. Do not exceed 18 fl oz N-N HV per acre per year. If applied with a nitrogen fertilizer through an irrigation system, N-N HV should be applied at no less than 4.5 fl oz N-N HV per acre per irrigation event, not to exceed 18 fl oz N-N HV per acre per year.

MIXING INSTRUCTIONS

To test compatibility of N-N HV for LIQUID NITROGEN FERTILIZERS with pesticides,

surfactants or other products, a proportional mixture of N-N HV (using mixing rate stated on the label), liquid nitrogen fertilizer and the other products to be tested should be mixed in a jar or beaker, prior to adding N-N HV or liquid nitrogen fertilizer containing N-N HV to an entire tank mix. N-N HV should only be added to the liquid tank mix after the liquid nitrogen fertilizer has been added and mixed thoroughly. For example, if mixing UAN and Thiosulfate, add UAN and Thiosulfate to the tank and ensure the solution is homogeneous before adding N-N HV. Once N-N HV is added to the liquid tank, agitation is required.

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

APPLICATION

N-N HV treated nitrogen fertilizer should be applied to the soil in the same manner as nitrogen fertilizers without N-N HV. **NOTE:** When using N-N HV, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

USE PRECAUTIONS

When using N-N HV always wear safety gear such as masks and safety glasses. Wear long sleeves, pants and use natural or butyl rubber gloves. Apply N-N HV in well-ventilated areas. Avoid contact to eyes and skin. Empty containers may contain residue. All label warnings apply to empty container.

Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes. 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 SDS 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.

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This product is manufactured by:
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