

# MATERIAL SAFETY DATA SHEET

Gamma Oryzanol Powder

AHC Products, Inc.

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PRODUCT NAME: (As used on label and list): Gamma Oryzanol Powder, Gamma 500, Gamma Grow

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This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those individuals at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

Date Prepared: 01/01/04

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## SECTION I – PRODUCT IDENTIFICATION

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MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.

301 West Broadway

Winchester, Kentucky

859/737-3441

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## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):

Gamma-Oryzanol CAS Number: 11042-64-1

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## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

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BOILING POINT: No data

VAPOR PRESSURE (MM HG): No data

VAPOR DENSITY (AIR=1): No data

SPECIFIC GRAVITY (H<sub>2</sub>O=1): .320 @77.00F

MELTING POINT: No data

EVAPORATION RATE (BUTYL ACETATE=1): n/a

SOLUBILITY IN WATER: No data

APPEARANCE AND ODOR: Solid powder yellowish – to white color with no apparent odor

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## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (METHOD USED): n/a

NFPA RATING:

Health – 1, Flammability – 0, Reactivity - 0

EXTINGUISHING MEDIA: Regular foam, water fog, carbon dioxide, sand.

SPECIAL FIRE FIGHTING PROCEDURES: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: May form carbon dioxide and carbon monoxide.

Organic dusts can form explosive mixtures in air.

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## SECTION V – REACTIVITY DATA

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STABILITY: stable

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May form: carbon dioxide and carbon monoxide.

HAZARDOUS POLYMERIZATION: Product will not undergo hazardous polymerization.

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## SECTION VI – HEALTH HAZARD DATA

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ROUTES OF ENTRY:

EYE: Dust can cause eye irritation. Symptoms include stinging, tearing, redness and swelling.

INHALATION: This material is a dust or may produce dust. Breathing small amounts of this material is not likely to be harmful.

SKIN: May cause skin irritation. Symptoms may include redness, burning and swelling.

Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

INGESTION: Swallowing this material is not likely to be harmful.

#### EMERGENCY AND FIRST AID PROCEDURES:

EYES: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

SWALLOWING: First aid is not normally required. If symptoms develop, seek medical attention.

INHALATION: If symptoms persist, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

NOTE TO PHYSICIANS: Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material; lung (for example, asthma-like conditions).

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#### SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For small spill: sweep up material for disposal or recovery. Large spill: Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

WASTE DISPOSAL METHOD: Dispose of with other normal, solid waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water.

Store in a cool, dry place at 75 degrees F or lower.

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#### SECTION VIII – CONTROL MEASURES

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RESPIRATORY PROTECTION (SPECIFIC TYPE): 3M Dust respirator No.8710 or 9900 is recommended or a NIOSH/MSHA jointly approved dust respirator.

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level or overexposure (from known, suspected or apparent adverse effects).

PROTECTIVE GLOVES: Wear resistant gloves such as; latex.

EYE PROTECTION: Wear safety glasses in compliance with OSHA regulations.

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