



## SAFETY DATA SHEET

### SECTION I –PRODUCT IDENTIFICATION

**Product Name:** White Distilled Vinegar Powder

**Product Number:** 2000

**Synonyms:** Dried Vinegar

**Applications:** Flavor enhancer/pH adjuster for food product applications—seasoning blends, snack foods, sauces, etc.

**Supplier:**

Level 7 Chemical  
255 Sturgis Rd  
Conway, AR 72034  
(855) 927-1777

Emergency Contact: Chemtrec (800) 424-9300

### SECTION II – HAZARD(S) IDENTIFICATION

**Classification:** 2099 Food Preparations, Not Elsewhere Classified

**Hazard Statement:**

Non-hazardous material, intended for use as a food ingredient. Avoid handling procedures which produce an excess amount of dust, as particulate may cause minor irritation.

**Precautionary Statement(s):**

Intended for manufacturing use as food ingredient. Effects of Acute Overexposure:

Ingestion: Ingestion of excess quantities of undiluted product may cause gastrointestinal irritation.

Eyes: Particulate may be irritating to the eyes.

Inhalation: Particulate may cause irritation to mucous membranes of nose, throat, and upper respiratory tract.

**First Aid:**

Eyes: Immediately flush eyes with running water for at least fifteen minutes. Seek medical attention.

Ingestion: Give two glasses of water. If illness or adverse symptoms develop, seek medical attention.

Inhalation: Remove individual to fresh air.

**Hazards Not Otherwise Classified:** Not applicable.

### SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients\*:** Maltodextrin, White Distilled Vinegar, Modified Food Starch

**CAS Numbers:**

\* The specific chemical identity of this material is being withheld as a trade secret. It will be provided in accordance with the provisions of 29 CDJR Part 1910.1200(i). In the event of a medical emergency, it will be provided to a treating physician or nurse through the utilization of Emergency Telephone Number above.

### SECTION IV – FIRST AID MEASURES

**Skin Contact:** Wash with water and soap and rinse thoroughly.

**Eye Contact:** Flush eyes with running water until irritation subsides.

**Ingestion:** Give two glasses of water. If illness or adverse symptoms develop, seek medical attention.

**Inhalation:** Remove individual to fresh air.

**Most Important Symptoms/Effects, both acute and delayed:** No further relevant information available.

**Indication of Immediate Medical Attention and Special Treatment Needed:** No further relevant information available.

### SECTION V – FIRE FIGHTING MEASURES

**Fire Extinguishing Media:** Dry chemical, foam, water, or carbon dioxide (CO<sub>2</sub>)

**Special Hazards Arising from the Substance or Mixture:** No further relevant information available.

**Advice for Firefighters:** No special measures required.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

**Personal Protective Equipment:**

Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

**Steps to be taken in case material is released or spilled:**

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:**

Small Spill: Dispose of in accordance with all local, state and federal regulations.

Large Spill: Dispose of in accordance with all local, state and federal regulations.

## SECTION VII – HANDLING AND STORAGE

**Precautions to be taken in handling and storing:** Store in a dry area. Avoid handling procedures which produce dust.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Permissible Exposure Level:** Not established for product.

**Engineering Controls:** Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

**Personal Protective Equipment:** Protective clothing, gloves, masks, and safety eyewear protection are not required, but recommended.

**Special Requirements for PPE:** No further relevant information available.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White Powder

**Upper/Lower Flammability or Explosive Limits:** Not Applicable

**Odor:** Typical Vinegar

**Vapor Pressure:** Not Applicable

**Odor Threshold:** Not Determined

**Specific Vapor Density:** Not Applicable

**pH (10% solution):** 2.5 – 3.5

**Relative Density:** ~ 0.47 g/cc

**Melting Point/Freezing Point:** Not applicable

**Solubility:** Soluble

**Boiling Point:** Not Applicable

**Flash Point:** Not Applicable

**Evaporation Rate:** Not Applicable

**Percent Volatiles:** Not Applicable

**Auto-Ignition Temperature:** Not Applicable

**Decomposition Temperature:** Store in cool (less than 80 degrees F) conditions

**Specific Gravity:** Not Applicable

**Viscosity:** Not Applicable

**Flammability:** Not Applicable

**Partition Coefficient:** Not Applicable

## SECTION X – STABILITY AND REACTIVITY

**Reactivity:** Not Applicable

**Stability:** Stable

**Hazardous Polymerization:** Cannot Occur

**Conditions to Avoid:** No further relevant information available

**Incompatibility:** Not Applicable

## SECTION XI – TOXICOLOGICAL INFORMATION

### ***Effects of Acute Overexposure:***

- Ingestion: Ingestion of excess quantities of undiluted product may cause gastrointestinal irritation.
- Eyes: Particulate may be irritating to the eyes.
- Inhalation: Particulate may cause irritation to mucous membranes of nose, throat, and upper respiratory tract.
- Skin: No known effects of particulate-skin contact.

### ***Additional toxicological information:***

- Particulate is intended for use in foodstuffs and is generally recognized as safe.
- Handling the particulate in a way that creates excessive dust may cause eyes to water, redden, and/or experience a burning sensation.
- Handling the particulate in a way that creates excessive dust may cause mucous membranes to become stuffy, run, and/or experience a burning sensation.
- Handling the particulate in a way that creates excessive dust may cause respiratory tract irritation such as coughing.

### ***Carcinogenic Categories:***

- National Toxicology Program (NTP) – Particulate is not listed in the NTP Report on Carcinogens.
- International Agency for Research on Cancer (IARC) – Particulate has not been found to be a potential carcinogen.
- Occupational Safety & Health Administration (OSHA) – Particulate has not been found to be a potential carcinogen.

## SECTION XII – ECOLOGICAL INFORMATION

***Ecotoxicity:*** None.

***Persistence and Degradability:*** No further relevant information available.

***Behavior in Environmental Systems:*** No further relevant information available.

***Bioaccumulative Potential:*** No further relevant information available.

***Mobility in Soil:*** No further relevant information available.

***Additional Ecological Information:*** No known ecological damage caused by this product.

## SECTION XIII – DISPOSAL CONSIDERATIONS

***Waste Treatment Methods:*** Dispose of in accordance with all local, state and federal regulations.

***Uncleaned Packaging:*** Disposal must be made according to official regulations.

***Recommended Cleansing Agent:*** Water, if necessary with cleansing agents.

## SECTION XIV – TRANSPORT INFORMATION

***Department of Transportation – Classification:*** Class 60

***Department of Transportation – Identification Number:*** 73227

## SECTION XV – REGULATORY INFORMATION

### ***U.S. Food and Drug Administration (FDA):***

AmTech Ingredients is registered under the FDA for manufacturing, processing, packing, and distribution of food ingredients and complementary food. This product has been produced following FDA standards according to Good Manufacturing Practices 21 CFR § 117 to guarantee the safety of our products.

### ***International Regulations:***

This product is in full compliance with current Health Canada Food & Drugs Acts & Regulations (CFR) and the Canadian Food Inspection Agency regulations (CFIA).

This product is in full compliance with current European Union Food Regulations.

### ***U.S. State Regulations:***

California Proposition 65 – This product does not contain any substances known to the State of California to cause cancer and/or reproductive harm.

## SECTION XVI – OTHER INFORMATION

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

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