



A Division of Spectrum Organic Products, Inc.

## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Standard must be consulted for specific requirements.

<b>IDENTITY (As Used on Label and List):</b> <b>Apple Cider Vinegar, Organic, Filtered</b> <b>Apple Cider Vinegar, Organic, Unfiltered</b> <b>Balsamic Vinegar</b> <b>Balsamic Vinegar, Organic</b> <b>Brown Rice Vinegar, Organic</b> <b>Red Wine Vinegar, Organic</b> <b>White Grain Vinegar, Organic</b> <b>White Distilled Vinegar, Organic</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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### Section I

Spectrum Organic Products, Inc. 5341 Old Redwood Highway, Ste. 400 Petaluma, CA 94954	Emergency Telephone Number  (707) 778-8900	
Telephone Number for Information (707) 778-8900	Date Prepared:	<b>04-10-00</b>
Signature of Preparer: <i>(optional)</i>		

### Section II – Hazard Ingredients/Identity Information

Hazardous Components [Specific Chemical Identity; Common Name(s)] OSHA PEL ACGIH TLV Other Limits
<b>Not hazardous according to Department of Labor regulations; contains no hazardous ingredients</b>

### Section III – Physical/Chemical Characteristics

Boiling Point: <b>215 deg F</b>	Specific Gravity (H2O = 1): <b>1.01 – 1.04</b>
Vapor Pressure (mm Hg.): <b>11 mm</b>	Melting Point: <b>N/A</b>
Vapor Density (AIR = 1): <b>2.1</b>	Evaporation Rate: <b>N/A</b>
Solubility in Water: <b>Complete</b>	(Butyl Acetate = 1) <b>N/A</b>
Appearance and Odor:	<b>Appropriate color and odor for type of vinegar</b>

### Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used):	Flammable Limits:	LEL	UEL
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Greater than 40 deg C (closed cup) (Acetic Acid)	4.0% to 16%		
Extinguishing Media:			
<b>Water spray, Foam, CO2, dry chemicals</b>			
Special Fire Fighting Procedures:			
<b>Water may be used to dilute spills and reduce flammability.</b>			
Unusual Fire and Explosion Hazards:			
<b>Toxic gases and vapors may be released in a fire involving concentrated vinegars.</b>			
(Reproduce locally)		OSHA 174, Sept. 1985	

#### Section V – Reactivity Data

Stability:	Unstable	Conditions to Avoid:	<b>Direct sunlight, excessive heat</b>
	Stable	Incompatibility: (Materials to Avoid)	<b>Strong Oxidizing agents and strong caustics</b>
Hazardous Decomposition or Byproducts:		<b>Carbon dioxide, carbon monoxide, smoke</b>	
Hazardous Polymerization:	May Occur:	Conditions to avoid:	
	Will Not Occur: X	<b>N/A</b>	

#### Section VI – Health Hazard Data

Routes of Entry:	Inhalation?	<b>N/A</b>	Skin?	<b>N/A</b>	Ingestion?	<b>N/A</b>
Health Hazards (Acute and Chronic):		<b>None observed or reported</b>				
Carcinogenicity:	NTP:	<b>No</b>	IARC Monographs:	<b>No</b>	OSHA Regulated?	<b>No</b>
Signs and Symptoms of Exposure:		<b>None</b>	Medical Conditions Generally Aggravated by Exposure:			<b>None</b>
Emergency and First Aid Procedures:		<b>Wash skin with soap and water. Flush eyes with water.</b>				

#### Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled:	<b>Dike and absorb on sand or industrial absorbent. Wash area with aqueous detergent to residual product.</b>
Waste Disposal Method:	<b>Incinerate or use landfill according to local, state and federal regulations.</b>
Precautions to be taken in Handling and Storing:	<b>Keep in a cool, dry place.</b>
Other Precautions:	<b>None Required.</b>

#### Section VIII – Control Measures

Respiratory Protection (Specify Type):							
Ventilation:	<b>N/A</b>	Local Exhaust:	<b>Recommended</b>	Special:	<b>N/A</b>	Mechanical (General):	<b>Recommended</b>
Other:	<b>N/A</b>	Protective Gloves:	<b>Gloves Recommended</b>	Eye Protection:	<b>Goggles recommended</b>		
Other Protective Clothing or Equipment:		<b>Eye Wash Station, Safety Shower</b>	Work/Hygienic Practices:	<b>Wash with soap and water after handling</b>			