



SPECIFICATION SHEET

PRODUCT: *BALSAMIC VINEGAR OF MODENA*

DESCRIPTION

Balsamic Vinegar is a straw yellow in a varying range of darkness, free from any pronounced foreign flavor or odor. The product is prepared in accordance with the best commercial practices under strict sanitary conditions and the Federal Guidelines for Good Manufacturing Practices.

The vinegar process is meticulously monitored to produce consistent high quality vinegar with unique characteristics of fine flavor and aroma

INGREDIENTS

Wine vinegar, Grape must, Caramel E150d, Sulphur Dioxide E220.

PHYSICAL PROPERTIES

The odor and flavor are clean and characteristic of Balsamic Vinegar.

Appearance: Dark liquid, dense and syrupy.

Color: Brown and gleaming

BACTERIOLOGICAL PROPERTIES

Exempt from any negative bacteria (Salmonella, E. Coli, Coagulase, etc.).

Extraneous matter: None visible to the naked eye. Free from sediment and mother of vinegar.

Microscopic: Negative for eels and insect fragments.

CHEMICAL PROPERTIES

Acidity as Acetic Acid:	6.00 - 6.40 g/100ml
Alcohol:	< 1.5 mL/100ml
Density:	1.060-1.070
Total Dried Extracts:	140-215 g/L
Sugars:	110-125 g/L
Dried Extracts Without Sugars:	30-50 g/L

SHELF LIFE

Unlimited; 3 years recommended.

STORAGE CONDITIONS

Store in a cool dry environment, avoiding direct sunlight

7/26/2015

Gerald Jones
Quality Assurance Manager

sovena	PRODUCT DESCRIPTION	Reviewed by:	JD
		Date:	7/1/2013
		Approved by:	G.E.
		Date:	3/5/2008
		Reviewed by:	G.J.
		Date:	7/26/2015

Product Name:

Red Balsamic Vinegar

Product Description:

Red Balsamic Vinegar is produced using first quality wines and grape musts produced in Italy. It is obtained by alcoholic and acetic fermentation of a blend of white grape must and white wine vinegar. The must is concentrated at low temperature in order to prevent product from caramelization. Sometimes a solid sediment may appear in the containers, this is a spontaneous and natural process. The solid is called "mother".

Ingredients:

Wine Vinegar, Grape must, Caramel E 150d, and Sulphur Dioxide as an antioxidant

Natural Statement:

This product and its components have not been irradiated. This product is produced from non-GMO sources.

Food Safety Characteristics:

As the natural acidity rate is approx. 6%, the product preservation is up to three years from date of production. See MSDS for other cautions.

Consumer Intended Uses:

Dressings, marinades, and sauces

Packaging:

Various bulk sizes and containers: Plastic drums (55, 58 gallon) disposable cardboard totes (275 gallon), returnable plastic totes (275 gallon), tank wagons
Retail (glass bottles)

Labeling :

6% acidity as acetic acid, do not refrigerate or heat

Shipping/Storage Conditions:

Keep at room temperature. Do not refrigerate. Max. Temp 90°F. Min. Temp. 32°F. Depending on vinegar type and storage conditions, some color changes, sedimentation and mother of vinegar may appear throughout the life of the product.

Shelf Life:

36 months in a cool and dry environment, away from sunlight. Shelf life is indicated for best appearance only.

Country of Origin:

Italy

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**NUTRITION
INFORMATION**

Drafted by: R.F.
Date: 3/3/2008
Approved by: G.E.
Date: 3/3/2008
Reviewed by: G.J
Date: 7/26/2015

PRODUCT: Red Balsamic Vinegar

Nutrition Facts

Serving Size 100g

Amount Per Serving

Calories 88

Calories from Fat 0

% Daily Value*

Total Fat 0g **0%**

Saturated Fat 0g **0%**

Trans Fat 0g

Cholesterol 0mg **0%**

Sodium 0mg **0%**

Potassium 0mg **0%**

Total Carbohydrate 15g **7%**

Sugar 15g **7%**

Protein 0g

*Percent Daily Values are based on a 2,000 calorie diet.

Ingredients: Wine vinegar, grape must, caramel color (E150d), and sulphur dioxide (E224) as antioxidant

Gerald Jones
Quality Assurance Manager

sovena	ALLERGEN/ GMO INFORMATION	Reviewed by: JD
		Date: 7/1/2013
		Approved by: M.R.
		Date: 12/16/2011
		Reviewed by: G.J.
		Date: 7/26/2015

PRODUCT: Red Balsamic Vinegar (6%)

Has this product or any of its components been treated with irradiation? N

does this product contain any of the following allergens and sensitizing a N

Peanut & Peanut products (including peanut oil) N

Soybean & soy products (including soy lecithin, excluding soy N

Seeds (poppy, sesame, sunflower & psyll N

Sulfites Y If yes, what is the residual leve >10ppm

Tree nuts N

Monosodium Glutamate N

Fish N

Wheat and related grains N

Crustaceans N

Egg and egg produc N

Mollusks N

Cottonseed products N

Legumes N

Dairy N

Genetically Modified Organism (GMO) N

Use of CRY9C (starling) Pesticide N

Gluten Free Y

Gerald Jones
Quality Assurance Manager

sovena SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product Name: Red Balsmic Vinegar
CAS#: 8028-52-2
Chemical Name: Acetic Acid
Recommended Use of the Chemical: As needed

Restrictions on Use of the Chemical: No restrictions

Contact Information:
Sovena USA
1 Olive Grove Street
Rome, New York 13441

Ph: (315)797-7070
F: (315)797-6981

24 Hr Emergency Contact:
Gerald Jones
QA Manager
(315)281-6505

SECTION 2: HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available

MUTAGENIC EFFECTS: Not available

TERATOGENIC EFFECTS: Not available

DEVELOPMENTAL EFFECTS: Not available

DEVELOPMENTAL TOXICITY: Not available

Repeated or prolonged exposure is not known to aggravate medical conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCE

NAME	CAS#	% BY WEIGHT
Balsamic Vinegar	8028-52-2	100%

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available

SECTION 5: FIREFIGHTING MEASURES

Flammability of Product: May be combustible at high temperatures

Auto-Ignition Temperature: Not Applicable

Flash Points: Not Applicable

Flammable Limits: Not Available

Products of Combustion: Not Available

Fire Hazards in Presence of Various Substances: Not Applicable

Explosion Hazards in the Presence of Various Substances:

In presence of mechanical impact: Not available

In presence of static discharge: Not available

Extinguishing Media

Suitable: Dry Chemical Powder
Water Spray
Water Fog
Foam

Unsuitable: Do not use Water Jet

Special Fire Fighting Procedures: Do not direct a solid stream of water or foam into burning material; this may cause the fire to spread.

Special Protective Equipment for Firefighters: Self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear Suitable Protective Equipment

Environmental Precautions: Avoid runoff to sewers or waterways.
Use methods consistent with local regulations.

Small Spills: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spills: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the SDS and with local authorities. Floor may be slippery; use care to avoid falling.

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray. Keep away from incompatibles such as oxidizing agents, acids.

Conditions for Safe Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 23°C (73.4°F).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Consult local authorities for acceptable exposure limits

Occupational Exposure Controls:

Respiratory Protection: None expected to be needed

Hand Protection/Protective Gloves: In case of a large spill

Eye Protection: Safety Glasses (small spill), Splash Goggles (large spill)

Skin Protection: Lab Coat (small spill), Splash Goggles (large spill)

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Not Available

Odor: Not Available

Odor Threshold: N/A

Taste: Not Available

pH: 2.2 @ 10% acetic acid

Molecular Weight: Not Available

Boiling Point: 215°F

Melting Point: Not Available

Critical Temperature: Not Available

Specific Gravity: 1.01-1.04 (Water=1)

Vapor Pressure: 11mm Hg @ 68°F

Vapor Density: 2.1 (Air=1)

Volatility: % Volatiles=100%

Water/Oil Dist.Coeff.: Not Available

Ionicity (in Water): Not Available

Dispersion Properties: Not Available

Decomposition Temperature: Not Available

Upper explosion Limits: Not Available

Lower explosion Limits: Not Available

Solubility: Soluble in Water

SECTION 10: STABILITY AND REACTIVITY

Stability: This product is stable

Instability Temperature: Not available

Conditions of Instability: Becomes rancid on exposure to air. Begins to get turbid at 5-10°C

Incompatibility with Various Substances: Avoid Strong Oxidizing Agent and Strong Bases

Corrosivity: Not Available

Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through the skin. Eye contact.

Toxicity to Animals: Not available

Chronic Effects on Humans: Not available

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact, ingestion, and inhalation

Acute Potential Health Effects: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available

BOD5 and COD: Not available

Products of Biodegradation: Not Available

Toxicity of the Products of Biodegradation: Not available

Mobility in Soil: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with appropriate Federal, State, and Local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States)

Identification: Not applicable

Special Provisions for Transport: Not applicable

SECTION 15: REGULATORY INFORMATION

WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEC): This product is not classified according to the EU regulations

HMIS (USA):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: A

National Fire Protection Association (USA):

Health: 1

Flammability: 0

Reactivity: 0

Protective Equipment: Lab Coat/Safety Glasses

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances

SECTION 16: OTHER INFORMATION

Revision Number: 2

Revision Date: 1/7/2014

Effective Date: 1/7/2014

Approved By: Gerald Jones, Quality Assurance Manager

