

# WENDA INGREDIENTS

## SafePlate® V 800

Product Data Sheet  
Version 2.2 Reviewed:4/24/24



WENDA PRODUCT CODE:  
**0103-070-138**

SafePlate® V 800 is a pH buffered, water-soluble, and free-flowing powder designed to extend the shelf-life of meat and poultry products by inhibiting the growth of pathogens and spoilage organisms. Label-friendly and the least sensory contribution possible from a dried vinegar.

### Applications

- Pork, beef, poultry, seafood
- RTE foods
- Plant-based products
- Prepared meals, side-dishes
- Pet food
- Bakery items, cheese
- Sauces, dressings, dips, emulsions

### Typical Usage Rates

Recommended to be used at 0.10% - 1.0% of the finished weight depending on the microbial control needed.

### General Application

Surface spray, added dry, or hydrate then tumble /inject.

### Suggested Label

"Vinegar" or "Dried vinegar"

### Physical & Chemical Specifications

Appearance	White free-flowing powder
Odor	Characteristic
pH (1% solution)	5.6 - 6.0
Free Acidity	4-7% (w/w)
Moisture	10% Max

### Microbiological Specifications

Total Plate Count	1,000 CFU/g Max
Yeast & Mold	100 CFU/g Max
Coliforms	30CFU/g Max
Salmonella (25g)	Absent
Staphylococcus	Absent
E. Coli (25g)	Absent
Listeria monocytogenes (25g)	Absent

### Shelf-life & Storage

SHELF LIFE  
**24**  
MONTH

Shelf-life is 24 months from the manufacturing date if stored at a temperature between 10°C (50°F) to 20°C (68°F). Keep the container tightly sealed when not in use to protect from moisture. Store in a cool, dry environment not exceeding 30°C (86°F).

### INGREDIENTS

Vinegar



Packaging

2 x 25 lb in a 50 lb carton

### Certifications

BRC GRADE-A  
GLUTEN-FREE  
HALAL  
KOSHER

### Country of Origin

China

NON-GMO

Allergen-Free

### Nutritional Profile (100g)

Energy (kcal)	137
Energy from Fat (kcal)	0
Total fat (g)	0
Saturated Fat (g)	0
Monounsaturated Fat (g)	0
Polyunsaturated Fat (g)	0
Trans Fat (g)	0
Cholesterol (mg)	0
Sodium (mg)	25,900
Total Carbohydrate (g)	34
Total Dietary fiber (g)	<0.1
Insoluble Fiber (g)	<0.1
Soluble Fiber (g)	<0.1
Total Sugar (g)	0
Added Sugar (g)	0
Protein (g)	0.2
Ash (g)	62
Moisture (g)	3.8
Vitamin A (mcg)	0
Vitamin C (mg)	0
Vitamin D (mcg)	0
Calcium (mg)	18.4
Iron (mg)	2.3
Potassium (mg)	89

V800 contains organic acids. Total proximates do not equal 100%

Note: The above information is provided in good faith and based upon our current knowledge. It is the user's responsibility to determine the suitability of Wendas' products for any application. In no event should such information be used as a substitute for testing or other evaluations to determine product suitability. The above information is provided without warranty or obligation of any kind, including its completeness or accuracy, infringement of intellectual property rights, legal or regulatory requirements, or results obtained from use of the information. Wenda warrants solely to meet standard manufacturing specifications for its products, subject to the limitations set forth in its standard terms and conditions of sale, or those set forth in a written contract between Wenda and its customer.





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### Safety Data Sheet

#### Section 1

#### Chemical Product and Company Identification

**Material Name:**

SafePlate® V 800

**Supplier:**

Suzhou Wenda Ingredients Co., Ltd.  
No. 920 Wulian Road, Chengbei District, Kunshan, China  
Tel: +86.512.86166888  
Fax: +86.512.86165999

**Emergency telephone number:**

In China +86.411.87585000-230 (office hours available)

#### Section 2

#### Hazards Identification

**2.1 GHS Classification**

Not a dangerous substance or mixture according to the globally Harmonized System (GHS)

**2.2 GHS Label elements, including precautionary statements**

Pictogram: None listed

Signal word: None listed

Hazard statement(s): None listed

Precautionary statement(s): None listed

#### Section 3

#### Composition / Information on Ingredients

**CAS#:** - - **Chemical Name:** Vinegar

#### Section 4

#### Hazards Identification

**Eye Contact:** No known effect on eye contact, rinse with water for a few minutes.

**Skin Contact:** After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases, and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

**Serious Skin Contact:** Not available

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#### Section 4

#### Hazards Identification (Continued)

**Inhalation:** Allow the individual to rest in a well-ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Not available

**Inhalation:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt, or waistband. If the individual is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**Serious Inhalation:** Not available

#### Section 5

#### Fire Fighting Measures

**Flammability of the Product:** May be combustible at a high temperature.

**Auto-Ignition Temperature:** Not available

**Flash Points:** Not available

**Flammable Limits:** Not available

**Products of Combustion:** Not available

**Fire Hazards in Presence of Various Substances:** Not available

**Explosion Hazards in Presence of Various Substances**

**Risks of Explosion of the Product in Presence of Mechanical Impact:**

Not available

**Risks of Explosion of the Product in Presence of Static Discharge:**

Not available

**Fire Fighting Media and Instructions**

**Small Fire:** Use DRY chemical powder

**Large Fire:** Use water spray, fog, or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Not available

**Special Remarks on Explosion Hazards:** Not available

#### Section 6

#### Accidental Release Measures

**Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.





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#### Section 7

#### Handling and Storage

##### Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing in case of insufficient ventilation, wear suitable respiratory equipment if you feel unwell, seek medical attention and show the label when possible.

##### Storage:

Keep container dry and tightly closed. Keep in a cool, dry, and well-ventilated place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

#### Section 8

#### Exposure Controls, Personal Protection

##### Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

##### Personal Protection:

Safety glasses. Lab coat. Gloves. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

##### Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Dust respirator. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available

#### Section 9

#### Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

##### Personal Protection:

**Physical state and appearance:** White free-flowing powder

**Odor:** Characteristic

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#### Section 9

#### Physical and Chemical Properties (Continued)

**Taste:** Not available

**Molecular Weight:** Not available

**Color:** White

**pH (1% soln/water):** 5.6~6.0

**Boiling Point:** Not available

**Melting Point:** Decomposes

**Critical Temperature:** Not available

**Specific Gravity:** Not available

**Vapor Pressure:** Not applicable

**Vapor Density:** Not available

**Volatility:** Not available

**Odor Threshold:** Not available

**Water/Oil Dist. Coeff.:** Not available

**Ionicity (in Water):** Not available

**Dispersion Properties:** Not available

**Solubility:** Soluble in water

#### 9.2 Other Safety Data

No data available

#### Section 10

#### Stability and Reactivity

**Stability:** The product is stable

**Instability Temperature:** Not available

**Conditions of Instability:** Not available

**Incompatibility with Various Substances:** Not available

**Corrosivity:** Non-corrosive in presence of glass

**Special Remarks on Reactivity:** Not available

**Special Remarks on Corrosivity:** Not available

**Polymerization:** No

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#### Section 11

#### Toxicological Information

**Routes of Entry:** Inhalation

**Toxicity to Animals**

**LD50:** Not available

**LC50:** Not available

**Chronic Effects on Humans:** Not available

**Other Toxic Effects on Humans:** Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant) of ingestion.

**Special Remarks on Toxicity to Animals:** Not available

**Special Remarks on Chronic Effects on Humans:** Not available

**Special Remarks on other Toxic Effects on Humans:** Not available

#### Section 12

#### Ecological Information

**Ecotoxicity:** Not available

**BOD5 and COD:** Not available

**Products of Biodegradation:**

Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.

**Special Remarks on the Products of Biodegradation:** Not available

#### Section 13

#### Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed

**RCRA U-Series:** None listed

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#### Section 14

#### Transport Information

**IATA:** Not regulated as a hazardous material

**IMO:** Not regulated as a hazardous material

**RID/ADR:** Not regulated as a hazardous material

#### Section 15

#### Regulatory Information

**OSHA Hazards:** No known OSHA hazards

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** No SARA Hazards

**Massachusetts Right to know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right to know Components:** CAS-No. Revision Date

**New Jersey Right to know Components:** CAS-No. Revision Date

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### Section 16

#### Additional Information

The above information has been compiled by WENDA from published sources considered reliable, but not all the information has been independently verified by WENDA. In addition, the exact conditions of use are beyond WENDA's control; Accordingly, WENDA can not guarantee the accuracy of the above, although it is given in good faith.

**Date of Issue:** 3/02/2019

**Prepared by:** Technical Department / WENDA

**Authorization:** President / WENDA

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