



Product: Natural Bitter Blocker FL Pwd

Product Code: 7237012

Issue Date: 4/28/2025

PHYSICAL DATA:

| Quality Attribute | Specification: Target (Range) |
|--------------------------------|--|
| Appearance | White to Off White Powder |
| Aroma | Odorless |
| Taste | Sweet |
| Expected Shelf Life | 24 Months |
| Recommended Storage Conditions | Closed container in a cool dry place 15-30C |
| Declarations | Vegan, Vegetarian, Natural, GMO Free (PCR Negative), |
| Allergens | No Allergens |
| Ingredient Declaration | Maltodextrin, Natural Flavors, Silicon Dioxide |
| Label Declaration | All flavor ingredients in the product are approved for use in a regulation of the Food and Drug Administration or are generally recognized as safe from reliably published association lists |
| Pack-Off | Product packaged at 50 pound increments in a food grad polyethylene lined corrugate box. |

Analytical/Microbiological Specifications:

| Analysis | Specification | Method |
|----------------------------|----------------------|--------------------|
| Loss on Drying | <8.0% | USP <731> |
| Particle Size Distribution | ≥99.0% thru 20 mesh | Internal Procedure |
| Organoleptic | Conforms to Standard | Internal Procedure |



ALLERGEN STATEMENT

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| Allergen | Present | Same Line |
|--|---------|-----------|
| Soy | No | No |
| Tree Nuts <i>almond, brazil nuts, nutmeg, cashews, coconut</i> | No | No |
| Egg <i>eggs, albumin</i> | No | No |
| Fish <i>fish, anchovy, bass, cod, salmon, etc.</i> | No | No |
| Wheat <i>flour, gluten flour, starches, bran</i> | No | No |
| Milk <i>milk, casein, lactose, whey, etc.</i> | No | No |
| Sesame Seeds <i>oil, seed</i> | No | No |
| Peanuts <i>peanut oil, peanut flour, mandelona nuts</i> | No | No |
| Crustaceans <i>shrimp, crab, crayfish, lobster, prawn</i> | No | No |
| Other Sensitivities | Present | Same Line |
| Lupin | No | No |
| Carmine | No | No |
| Refined Oils | No | No |
| Glutamate/Glutamic Acid | No | No |
| Mustard <i>oil, seed</i> | No | No |
| Sulfites >10ppm <i>sulfur dioxide, sodium dithionite</i> | No | No |
| Yellow #5 <i>tartazine</i> | No | No |
| Gluten <i>wheat, barley, oats, flour</i> | No | No |



NUTRITIONAL STATEMENT

| | |
|---------------|-------------------------------|
| Product: | Natural Bitter Blocker FL Pwd |
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| | Per 100 grams (by calculation) |
|-----------------------------|--------------------------------|
| Calories, k/Cal | 376 |
| Calcium, mg/100g | 24.8 |
| Total Carbohydrates, g/100g | 94.0 |
| Cholesterol, mg/100g | 0.0 |
| Saturated Fat, g/100g | 0.0 |
| Total Fat, g/100g | 0.0 |
| Total Trans Fat, g/100g | 0.0 |
| Dietary Fiber, g/100g | 0.0 |
| Iron, mg/100g | 0.0 |
| Potassium, mg/100g | 1.0 |
| Protein, g/100g | 0.0 |
| Sodium, mg/100g | 69.5 |
| Total Sugars, g/100g | 4.1 |
| Added Sugars, g/100g | 0.0 |
| Vitamin D, mcg/100g | 0.0 |
| Ash, g/100g | 0.00000 |



GMO STATEMENT

| | |
|---------------|-------------------------------|
| Product: | Natural Bitter Blocker FL Pwd |
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GMO Status

| | |
|--|---|
| Non-GMO Does not contain components from GMO sources. | |
| Non-GMO: Identity-Preserved Comprises of ingredients that were produced or derived from canola, corn, cotton, potato, and/or tomato; however these ingredients can be certified non-GMO. Compliant with European GM traceability standards EC 1829/2003 and 1830/2003. | |
| GMO Free (PCR Negative) Contains components that were produced or derived from canola, corn, cotton, potato, and/or tomato; however these components do not contain DNA/protein. This is validated by analytical testing or based on scientific principles. |  |
| Contains or Derived from GMO sources Contains components that were produced or derived from a GMO source. | |



DIETARY RESTRICTIONS

Product: Natural Bitter Blocker FL Pwd

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Issue Date: 4/28/2025

Sensapure, Inc. declares that the above mentioned product, to the best of our knowledge, does not contain animal-derived ingredients including dairy, honey, and egg products. This product is suitable for vegetarians and vegans. In that this product does not contain ingredients of animal origin, Sensapure also declares the product is hormone free.



COUNTRY OF ORIGIN

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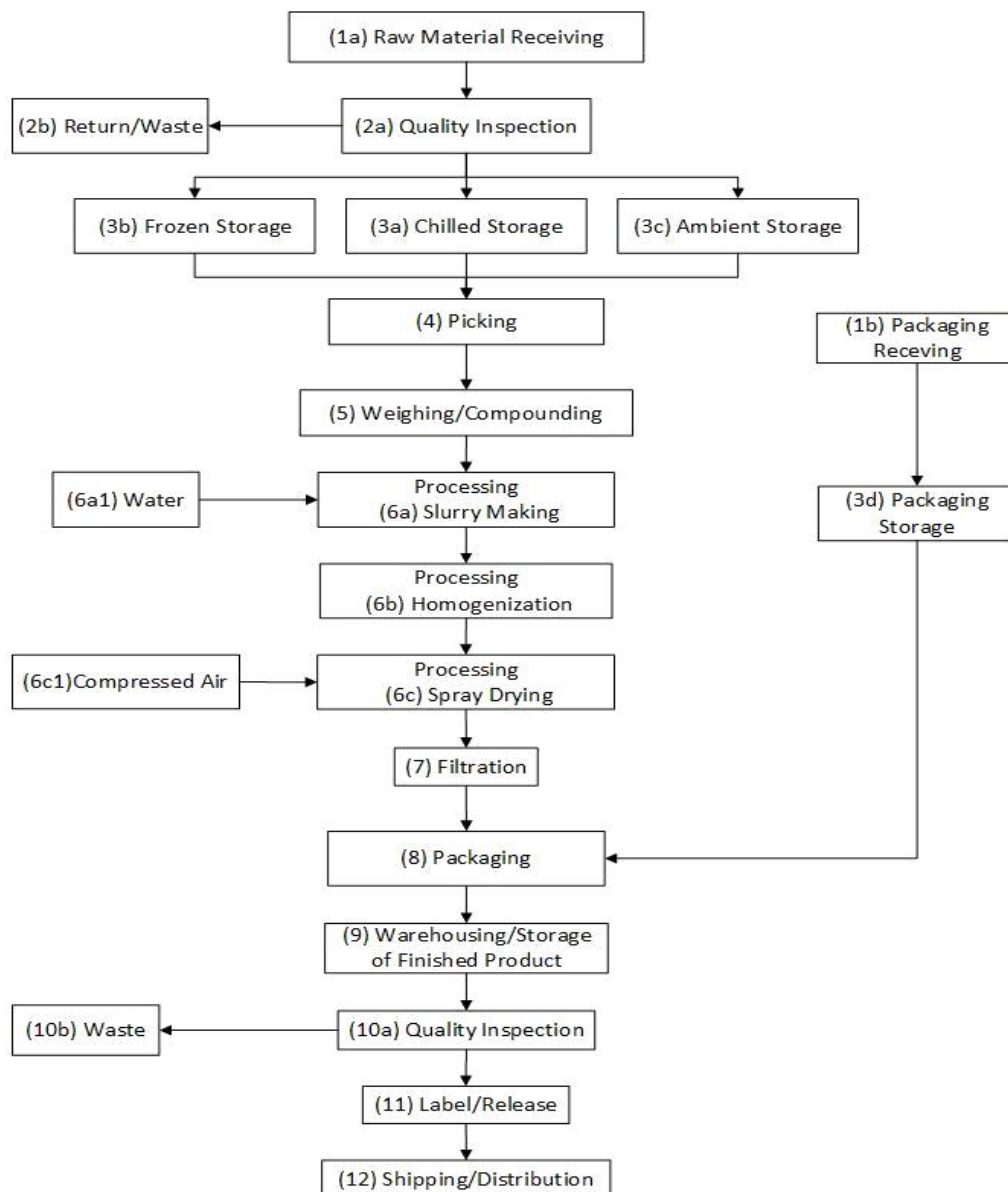
Sensapure, Inc. certifies that the above mentioned product is manufactured in the United States of America (USA).

Spray Dry Flow Chart

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GLUTEN STATEMENT

Product: Natural Bitter Blocker FL Pwd

Product Code: 7237012

Issue Date: 4/28/2025

Sensapure, Inc. declares that the above mentioned product, to the best of our knowledge, does not contain gluten.



CERTIFICATE OF ANALYSIS

Customer:

Product Description: Natural Bitter Blocker FL Pwd

Product Code: 7237012

Customer Item Code:

Lot Number:

Date of Manufacture:

Expiration Date:

| Assay | Specification | Result |
|---------------------------|---------------------------|--------|
| Organoleptic | | |
| Appearance | White to Off White Powder | |
| Aroma | Odorless | |
| Taste | Sweet | |
| Analytical Testing | | |
| Particle Size | ≥99.0% thru 20 mesh | |
| Loss on Drying | <8% | |

DISCLOSURE: This document is an example Certificate of Analysis and does not represent a manufactured batch of material. Microbiological testing is performed on a rotational basis and is available upon request.

Approved By: _____

*Testing information included on actual certificates of Analysis may vary depending on internal testing frequencies and customer requirements.



SAFETY DATA SHEET

1. Identification

Product Information: 7237012

Product Name: Natural Bitter Blocker FL Pwd

Recommended Use: Flavor Ingredient

Application Method: For Industrial Use Only

Supplied by: Sensapure, Inc.
1945 S. Fremont Drive.
Salt Lake City, UT 84104
E-Mail: info@sensapure.com

Emergency Telephone: 1-801-456-4284

Safety Data Sheet Coordinator: info@sensapure.com

2. Hazards Identification

This product is a mixture for which no health hazard data exists. The hazard communication standard requires that mixtures be assumed to present the same health hazards as do the components that constitute at least 1% of the mixture (0.1% for carcinogens). OSHA has noted, however, that the hazards of individual components may be altered by including them in a mixture.

EMERGENCY OVERVIEW: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

GHS Classification

No GHS Classifications were found

Symbol(s) of Product

No GHS Symbols Exist

Signal Word

No Signal Word has been assigned

3. Composition/Information on Ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------|----------------|--------------|--------------------|-----------------------|
|----------------------|----------------|--------------|--------------------|-----------------------|

No hazardous items exist

Exact percentages have been withheld as trade secrets as defined by 29 CFR 1910.1200

4. First-aid Measures

FIRST AID - INHALATION: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

FIRST AID - SKIN CONTACT: Remove contaminated clothing. Wash with soap and water. Obtain medical attention if irritation persists.

FIRST AID - EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

FIRST AID - INGESTION: DO NOT induce vomiting unless directed to do so by a physician or poison control center.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Information

SPECIAL FIREFIGHTING PROCEDURES: Standard procedure for chemical fires. Water Foam

EXTINGUISHING MEDIA: None Known

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material and place in labeled waste container. Observe all Federal, State, and Local waste disposal regulations and report any release to the environment. Wear adequate personal protective clothing and equipment when handling this material.

7. Handling and Storage



HANDLING: Avoid contact with skin or eyes. Avoid breathing vapors. Handle in well ventilated area. Empty containers may contain explosive vapors. Smoking in area prohibited. Remove all ignition sources while handling.

STORAGE: No Information

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name

ACGIH TLV-TWA

ACGIH-TLV STEL

OSHA PEL-TWA

OSHA PEL-CEILING

No hazardous items exist

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: No Information



SKIN PROTECTION: Impervious gloves. Lab coat



EYE PROTECTION: Safety glasses with side-shields



OTHER PROTECTIVE EQUIPMENT: Eye wash and safety shower.



HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

| | | | |
|--------------------------------------|-----------------------------|---|----------------|
| Appearance: | No Information | Physical State: | No Information |
| Odor: | Odorless | Odor Threshold: | No Information |
| Density, g/cm3: | 0.000 | pH: | No Information |
| Freeze Point, °C: | No Information | Viscosity: | No Information |
| Solubility in Water: | No Information | Partition Coefficient, n-octanol/ water: | No Information |
| Decomposition temperature, °C | No Information | | |
| Boiling Range, °C: | Not Determined | Explosive Limits, %: | N.I. - N.I. |
| Combustibility: | Does not Support Combustion | Flash Point, °C: | 93.0 |
| Evaporation Rate: | No Information | Auto-Ignition Temperature, °C | No Information |
| Vapor Density: | No Information | Vapor Pressure, mmHg: | No Information |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: No Information

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: No Information

11. Toxicological Information

This product is a mixture for which no health hazard data exists. The hazard communication standard requires that mixtures be assumed to present the same health hazards as do the components that constitute at least 1% of the mixture (0.1% for carcinogens). OSHA has noted, however, that the hazards of individual components may be altered by including them in a mixture.

This preparation has not been evaluated.

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: No known effects.

EFFECT OF OVEREXPOSURE - EYE CONTACT: May cause irritation.

EFFECT OF OVEREXPOSURE - INGESTION: May be harmful if swallowed.

CARCINOGENICITY: No Information

PRIMARY ROUTE(S) OF ENTRY: No Information

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

| CAS-No. | Chemical Name | Oral LD50 | Dermal LD50 | Vapor LC50 |
|-----------------------|---------------|-----------|-------------|------------|
| No | | | | |
| hazardous | | | | |
| toxicological | | | | |
| information | | | | |
| exists | | | | |
| N.I. = No Information | | | | |

12. Ecological Information

ECOLOGICAL INFORMATION: May cause long-term adverse effects in the aquatic environment.

13. Disposal Information



Product

DISPOSAL METHOD: Can be incinerated, when in compliance with local regulations. Must be disposed of in accordance with all applicable Federal, State, and Local regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with absorbent material and place in labeled waste container. Observe all Federal, State, and Local waste disposal regulations and report any release to the environment. Wear adequate personal protective clothing and equipment when handling this material.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT Proper Shipping Name: No Information

DOT Technical Name: No Information

DOT Hazard Class: No Information

DOT UN/NA Number: No Information

Packing Group: No Information

Hazard SubClass: No Information

Resp. Guide Page: No Information

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

No Information

None Known

SARA SECTION 313:

Section 313 of title III of the Superfund Amendment and Reauthorization Act of 1986 (SARA). This product does not contain any reportable levels of a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

No NJ Right-To-Know components exist in this product.

PENNSYLVANIA RIGHT-TO-KNOW

No PA Right-To-Know components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS



No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS



No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -

CANADIAN WHMIS:

WHMIS Class No Information

16. Other Information

Revision Date:

5/21/2025

Supersedes Date:

8/22/2024

Reason for revision:

Revision Description Changed
Substance and/or Product Properties Changed in Section(s):
01 - Product Information
14 - Transportation Information

Datasheet produced by:

Regulatory Department

HMIS Ratings:

| | | | | | | | |
|---------|------|---------------|------|-------------|------|----------------------|------|
| Health: | N.I. | Flammability: | N.I. | Reactivity: | N.I. | Personal Protection: | N.I. |
|---------|------|---------------|------|-------------|------|----------------------|------|

Volatile Organic Compounds, gr/ltr: 0

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.