



**ALLERGEN STATEMENT**

|               |                                |
|---------------|--------------------------------|
| Product:      | Natural Mixed Berry Type FL SD |
| Product Code: | 7237113                        |
| Issue Date:   | 1/3/2024                       |

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



## DIETARY RESTRICTIONS

|               |                                |
|---------------|--------------------------------|
| Product:      | Natural Mixed Berry Type FL SD |
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| Issue Date:   | 1/3/2024                       |

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.

Sam George,  
Quality Assurance Manager



GMO STATEMENT

|               |                                |
|---------------|--------------------------------|
| Product:      | Natural Mixed Berry Type FL SD |
| Product Code: | 7237113                        |
| Issue Date:   | 1/3/2024                       |

**GMO Status**

|   |  |
|---|--|
| <p><b>Non-GMO</b></p> <p>Does not contain components from GMO sources.</p>  |  |
| <p><b>Non-GMO: Identity-Preserved</b></p> <p>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.</p> |  |
| <p><b>GMO Free (PCR Negative)</b></p> <p>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.</p>            |  |
| <p><b>Contains or Derived from GMO sources</b></p> <p>Contains components that were produced or derived from a GMO source.</p>  |  |



## US Natural Declaration

|               |                                |
|---------------|--------------------------------|
| Product:      | Natural Mixed Berry Type FL SD |
| Product Code: | 7237113                        |
| Issue Date:   | 1/3/2024                       |

Sensapure, Inc. certifies that only Natural ingredients are used in the manufacture of this product. Therefore this product can be as a natural flavor or flavoring as defined by 21 CFR 101.22 (a) (3), and does not contain any artificial flavor nor have suppliers added any artificial flavor(s) or substances to the product.

Sincerely,

Sam George  
Manager of Quality & Regulatory



NUTRITIONAL STATEMENT

|               |                                |
|---------------|--------------------------------|
| Product:      | Natural Mixed Berry Type FL SD |
| Product Code: | 7237113                        |
| Issue Date:   | 1/3/2024                       |

|                         | Per 100 grams (by calculation) |
|-------------------------|--------------------------------|
| Calories, k/Cal         | 330                            |
| Total Fat, g/100g       | 0.0                            |
| Saturated Fat, g/100g   | 0.0                            |
| Total Trans Fat, g/100g | 0.0                            |
| Cholesterol, mg/100g    | 0.0                            |
| Sodium, mg/100g         | 107.0                          |
| Carbohydrates, g/100g   | 85.9                           |
| Dietary Fiber, g/100g   | 0.0                            |
| Sugars, g/100g          | 3.3                            |
| Added Sugars, g/100g    | 0.0                            |
| Protein, g/100g         | 0.3                            |
| Vitamin D, mcg/100g     | 0.0                            |
| Calcium, mg/100g        | 70.4                           |
| Iron, mg/100g           | 0.0                            |
| Potassium, mg/100g      | 10.8                           |
| Ash, g/100g             | 0.0                            |



## SAFETY DATA SHEET

## 1. Identification

|                                       |   |
|---------------------------------------|---|
| <b>Product Information:</b>           | 7237113   |
| <b>Product Name:</b>                  | Natural Mixed Berry Type FL SD  |
| <b>Recommended Use:</b>               | Flavor Ingredient   |
| <b>Application Method:</b>            | For Industrial Use Only   |
| <b>Supplied by:</b>                   | Sensapure, Inc.<br>1945 S. Fremont Drive.<br>Salt Lake City, UT 84104<br>E-Mail: info@sensapure.com |
| <b>Emergency Telephone:</b>           | 1-801-456-4284  |
| <b>Safety Data Sheet Coordinator:</b> | 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

STOT SE 3 RTI

### Symbol(s) of Product



### Signal Word

Warning

### GHS HAZARD STATEMENTS

STOT, single exposure, category 3, RTI      H335      May cause respiratory irritation.

### GHS LABEL PRECAUTIONARY STATEMENTS

|           |  |
|-----------|--|
| P261      | Avoid breathing dust/fume/gas/mist/vapours/spray.                          |
| P271      | Use only outdoors or in a well-ventilated area.                            |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P312      | Call a POISON CENTER or doctor/physician if you feel unwell.               |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed.           |
| P405      | Store locked up.   |
| P501      | Dispose of contents/container to ...                                       |

## 3. Composition/Information on Ingredients

| <u>Chemical Name</u>                  | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---------------------------------------|----------------|--------------|--------------------|-----------------------|
| 4-HYDROXY-2,5-DIMETHYL-3(2H)-FURANONE | 3658-77-3      | 2.5-10       | GHS07              | H302                  |
| CIS-3 HEXENOL                         | 928-96-1       | 1.0-2.5      | No Information     | No Information        |
| HEXYL ALCOHOL                         | 111-27-3       | 0.1-1.0      | GHS07              | H302                  |
| N/A                                   | 141-97-9       | <0.1         | No Information     | No Information        |
| Hibiscus abelmoschus l. seed oil      | 8015-62-1      | <0.1         | No Information     | No Information        |

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. WaterFoam

**EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

#### 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

| <u>Chemical Name</u>                  | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|---------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| 4-Hydroxy-2,5-Dimethyl-3(2H)-Furanone | N.E.                 | N.E.                  | N.E.                | N.E.                    |
| Cis-3 Hexenol                         | N.E.                 | N.E.                  | N.E.                | N.E.                    |
| Hexyl Alcohol                         | N.E.                 | N.E.                  | N.E.                | N.E.                    |
| N/A                                   | N.E.                 | N.E.                  | N.E.                | N.E.                    |
| Hibiscus abelmoschus l. seed oil      | N.E.                 | N.E.                  | N.E.                | N.E.                    |

**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

|                                      |                             |   |                |
|--------------------------------------|-----------------------------|---|----------------|
| <b>Appearance:</b>                   | No Information              | <b>Physical State:</b>                              | No Information |
| <b>Odor:</b>                         | Characteristics of Berry    | <b>Odor Threshold:</b>                              | No Information |
| <b>Density, g/cm<sup>3</sup>:</b>    | 0.000                       | <b>pH:</b>  | No Information |
| <b>Freeze Point, °C:</b>             | No Information              | <b>Viscosity:</b>                                   | No Information |
| <b>Solubility in Water:</b>          | No Information              | <b>Partition Coefficient, n-octanol/<br/>water:</b> | No Information |
| <b>Decomposition temperature, °C</b> | No Information              |   |                |
| <b>Boiling Range, °C:</b>            | 21 - 0                      | <b>Explosive Limits, %:</b>                         | N.I. - N.I.    |
| <b>Combustibility:</b>               | Does not Support Combustion | <b>Flash Point, °C:</b>                             | -38.9          |
| <b>Evaporation Rate:</b>             | No Information              | <b>Auto-Ignition Temperature, °C</b>                | No Information |
| <b>Vapor Density:</b>                | No Information              | <b>Vapor Pressure, mmHg:</b>                        | 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:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact



**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 |
|-----------|---------------------------------------|-----------|-------------|------------|
| 3658-77-3 | 4-Hydroxy-2,5-Dimethyl-3(2H)-Furanone | 1608      | N.I.        | N.I.       |
| 928-96-1  | Cis-3 Hexenol                         | 4700      | 5000        | N.I.       |
| 111-27-3  | Hexyl Alcohol                         | 720       | 3100        | N.I.       |
| 141-97-9  | N/A                                   | 3980      | 5000        | 1129       |

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:** I  
**Hazard SubClass:** No Information  
**Resp. Guide Page:** No Information

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

No Information

Specific target organ toxicity (single or repeated exposure)

#### 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

#### Chemical Name

Acetaldehyde

#### CAS-No.

75-07-0

### 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****Chemical Name**

Benzenecarbaldehyde

Acetaldehyde

**CAS-No.**

100-52-7

75-07-0

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS****Chemical Name**

2-Phenyl Ethanol

**CAS-No.**

60-12-8

**International Regulations: As follows -****CANADIAN WHMIS:****WHMIS Class**

No Information

**16. Other Information**

**Revision Date:** 1/3/2024 **Supersedes Date:** New MSDS

**Reason for revision:** No Information

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

|                |      |                      |      |                    |      |                             |      |
|----------------|------|----------------------|------|--------------------|------|-----------------------------|------|
| <b>Health:</b> | N.I. | <b>Flammability:</b> | N.I. | <b>Reactivity:</b> | N.I. | <b>Personal Protection:</b> | N.I. |
|----------------|------|----------------------|------|--------------------|------|-----------------------------|------|

**Volatile Organic Compounds, gr/ltr:** 0

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

Harmful if swallowed.

**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.



Product: Natural Mixed Berry Type FL SD  
 Product Code: 7237113  
 Issue Date: 1/3/2024

**PHYSICAL DATA:**

| Quality Attribute              | Specification: Target (Range)   |
|--------------------------------|---|
| Appearance                     | White to Off White Powder   |
| Expected Shelf Life            | 12 Months   |
| Recommended Storage Conditions | Closed container in a cool dry place 15-30C   |
| Declarations                   | Vegan, Vegetarian, Natural, GMO Free (PCR Negative),  |
| Allergens                      | None  |
| Ingredient Declaration         | Maltodextrin, Gum Arabic, Natural Flavors, Citric Acid  |
| Packaging Type and Composition | Product packaged at 50 pound increments in a food grade polyethylene lined corrugate box.   |
| Label Declaration              | All ingredients in this product are listed as being generally recognized as safe and are listed under FDA or FEMA GRAS lists, or other established publications in accordance with 21 CFR 172, Subpart F 172.510 - 172.590. |

**Analytical/Microbiological Specifications:**

| Analysis                   | Specification        | Method             |
|----------------------------|----------------------|--------------------|
| Coliforms                  | <=100 cfu/g          | AOAC 991.14        |
| Salmonella                 | Negative /25g        | USP <2022>         |
| Loss on Drying             | <8.0%                | USP <731>          |
| Particle Size Distribution | ≥99.0% thru 20 mesh  | Internal Procedure |
| Organoleptic               | Conforms to Standard | Internal Procedure |
| Yeast & Mold               | <=100 cfu/g          | AOAC 997.02        |