



## SAFETY DATA SHEET

## 1. Identification

|                                       |   |
|---------------------------------------|---|
| <b>Product Information:</b>           | 7237065   |
| <b>Product Name:</b>                  | Natural Cranberry Type FL WS  |
| <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>           | 1-800-424-9300 (North America)  |
| <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

Carc. 1A, Eye Irrit. 2A, Flam. Liq. 1, Skin Corr. 1, STOT SE 3 RTI

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

|  |      |   |
|--|------|---|
| Flammable Liquid, category 1           | H224 | Extremely flammable liquid and vapour.  |
| Eye Irritation, category 2A            | H319 | Causes serious eye irritation.  |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.   |
| Carcinogenicity, category 1A           | H350 | May cause cancer. Classified as carcinogenic Category 1 on the basis of epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above. Routes of exposure are dependant on ingredient form. May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. |
| Skin Corrosion, category 1             | H314 | Causes severe skin burns and eye damage.  |

### GHS LABEL PRECAUTIONARY STATEMENTS

|      |  |
|------|--|
| P201 | Obtain special instructions before use.  |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray.   |
| P264 | Wash ... thoroughly after handling.  |
| P271 | Use only outdoors or in a well-ventilated area.  |

|                |  |
|----------------|--|
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P301+P330+P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.   |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].                         |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.   |
| P310           | Immediately call a POISON CENTER or doctor/physician.  |
| P321           | Specific treatment (see ... on this label).  |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |
| P370+P378      | In case of fire: Use... to extinguish.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P403+P235      | Store in a well-ventilated place. Keep cool.   |
| P405           | Store locked up.   |
| P501           | Dispose of contents/container to ...   |

**GHS SDS PRECAUTIONARY STATEMENTS**

|      |  |
|------|--|
| P240 | Ground and bond container and receiving equipment.                   |
| P241 | Use explosion-proof [electrical/ventilating/lighting/...] equipment. |
| P242 | Use non-sparking tools.  |
| P243 | Take action to prevent static discharges.                            |
| P363 | Wash contaminated clothing before reuse.                             |

**3. Composition/Information on Ingredients**

| <u>Chemical Name</u>           | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|--------------------------------|----------------|--------------|--------------------|-----------------------|
| Methyl 2 Butyric Acid          | 116-53-0       | 1.0-2.5      | No Information     | No Information        |
| ACETALDEHYDE                   | 75-07-0        | 0.1-1.0      | GHS05-GHS07-GHS08  | H302-319-335-351      |
| GINGER OLEORESIN, AFRICAN TYPE | 8002-60-6      | <0.1         | GHS07-GHS08        | H304-317              |
| GERANIUM SPP.                  | 8000-46-2      | <0.1         | GHS05-GHS07-GHS08  | H304-315-317-318      |

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> |
|--------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| Methyl 2 Butyric Acid          | N.E.                 | N.E.                  | N.E.                | N.E.                    |
| Acetaldehyde                   | 25 ppm               | N.E.                  | 200 ppm             | N.E.                    |
| Ginger Oleoresin, African Type | N.E.                 | N.E.                  | N.E.                | N.E.                    |
| Geranium spp.                  | 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>                         | Characteristic of Cranberry | <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/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>                        | 18.0           |
| <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 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 |
|-----------|-----------------------|-----------|-------------|------------|
| 116-53-0  | Methyl 2 Butyric Acid | 1750      | 1367        | N.I.       |
| 75-07-0   | Acetaldehyde          | 661       | 3540        | 37         |
| 8000-46-2 | Geranium spp.         | 5000      | 2500        | N.I.       |

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

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Skin Corrosion or Irritation, Serious eye damage or eye irritation, 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



Warning

#### Chemical Name

Benzenecarbaldehyde  
Acetaldehyde

#### CAS-No.

100-52-7  
75-07-0

#### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS



Warning

No Proposition 65 Reproductive Toxins exist in this product.

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

WHMIS Class No Information

**16. Other Information**

Revision Date: 9/16/2022 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.  
 May be fatal if swallowed and enters airways.  
 Causes skin irritation.  
 May cause an allergic skin reaction.  
 Causes serious eye damage.  
 Causes serious eye irritation.  
 May cause respiratory irritation.  
 Suspected of causing cancer. Classified as Category 2 based on limited evidence on human and/or animal studies. Mixtures with concentrations of suspected carcinogens ingredients at concentration present between 0.1% and 1.0% labelling the SDS will be optional depending on authorities. If Category 2 carcinogenic present at a concentration of 1% or above labelling the SDS will be expected. Routes of exposure are dependant on ingredient form.

**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.