



SAFETY DATA SHEET

1. Identification

| | |
|---------------------------------------|---|
| Product Information: | 7237066 |
| Product Name: | Natural Grand Marnier Type FL WS |
| 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: | 1-800-424-9300 (North America) |
| 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

Flam. Liq. 1, Skin Irrit. 2, Skin Sens. 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. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|----------------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P264 | Wash ... thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| 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. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |

| | |
|-----------|--|
| P321 | Specific treatment (see ... on this label). |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| 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. |

3. Composition/Information on Ingredients

| Chemical Name | CAS-No. | Wt. % | GHS Symbols | GHS Statements |
|---------------------------------|----------------|--------------|--------------------|-----------------------|
| CITRUS SINENSIS (L.) OSBECK | 8008-57-9 | 2.5-10 | GHS07-GHS08 | H304-315-317 |
| CITRUS SINENSIS (L.) OSBECK | 8028-48-6 | 2.5-10 | GHS07-GHS08 | H304-315-317 |
| MANDARIN OIL SELEC | 8008-31-9 | 2.5-10 | GHS07-GHS08 | H304-315-317-319 |
| CITRUS RETICULATA | 8008-31-9 | 0.1-1.0 | GHS07-GHS08 | H304-315-317 |
| COCOA EXTRACT | 84649-99-0 | 0.1-1.0 | No Information | No Information |
| Fusel Oil | 8013-75-0 | 0.1-1.0 | No Information | No Information |
| Vanilla planifolia | 8024-06-4 | 0.1-1.0 | No Information | No Information |
| 4 HYDROXY 3 METHOXYBENZALDEHYDE | 121-33-5 | 0.1-1.0 | No Information | No Information |
| Aldehyde C-10 | 112-31-2 | <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> |
|---------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| Citrus sinensis (L.) Osbeck | N.E. | N.E. | N.E. | N.E. |
| Citrus sinensis (L.) Osbeck | N.E. | N.E. | N.E. | N.E. |
| Mandarin Oil Selec | N.E. | N.E. | N.E. | N.E. |
| Citrus reticulata | N.E. | N.E. | N.E. | N.E. |
| Cocoa Extract | N.E. | N.E. | N.E. | N.E. |
| Fusel Oil | N.E. | N.E. | N.E. | N.E. |
| Vanilla planifolia | N.E. | N.E. | N.E. | N.E. |
| 4 Hydroxy 3 methoxybenzaldehyde | N.E. | N.E. | N.E. | N.E. |
| Aldehyde C-10 | 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

| | | | |
|--------------------------------------|-----------------------------|--|----------------|
| Appearance: | No Information | Physical State: | No Information |
| Odor: | Characteristic of Grand | 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: | 21 - 0 | Explosive Limits, %: | N.I. - N.I. |
| Combustibility: | Does not Support Combustion | Flash Point, °C: | 20.0 |
| 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: 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 |
|-----------|-----------------------------|-----------|-------------|------------|
| 8008-57-9 | Citrus sinensis (L.) Osbeck | 4501 | 2066 | N.I. |
| 8028-48-6 | Citrus sinensis (L.) Osbeck | 4632 | 2105 | N.I. |
| 8008-31-9 | Mandarin Oil Selec | 4348 | 2621 | N.I. |
| 8008-31-9 | Citrus reticulata | 4671 | 2203 | 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), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, 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

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Acetaldehyde | 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

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| Acetaldehyde | 75-07-0 |
| Benzenecarbaldehyde | 100-52-7 |

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: 9/19/2022 **Supersedes Date:** New MSDS
Reason for revision: No 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

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

May be fatal if swallowed and enters airways.
 Causes skin irritation.
 May cause an allergic skin reaction.
 Causes serious eye irritation.

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.