



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

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

Acetaldehyde

Benzenecarbaldehyde

CAS-No.

75-07-0

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.
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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.



ALLERGEN STATEMENT

Product: Natural Grand Marnier Type FL WS
Product Code: 7237066
Issue Date: 9/19/2022

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

Note: Manufactured in a facility and on equipment that processes Dairy, Wheat, Soy, and Fish allergens.

Sensapure, Inc. | 1945 S. Fremont Drive, Salt Lake City, UT 84104 | 801-456-4284 | info@sensapure.com



DIETARY RESTRICTIONS

Product:	Natural Grand Marnier Type FL WS
Product Code:	7237066
Issue Date:	9/19/2022

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 Grand Marnier Type FL WS
Product Code: 7237066
Issue Date: 9/19/2022

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.	



US Natural Declaration

Product:	Natural Grand Marnier Type FL WS
Product Code:	7237066
Issue Date:	9/19/2022

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 Grand Marnier Type FL WS
Product Code:	7237066
Issue Date:	9/19/2022

	Per 100 grams (by calculation)
Calories, k/Cal	531
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	0.0
Carbohydrates, g/100g	0.1
Dietary Fiber, g/100g	0.0
Sugars, g/100g	0.0
Added Sugars, g/100g	0.0
Protein, g/100g	0.0
Vitamin D, mcg/100g	0.0
Calcium, mg/100g	0.1
Iron, mg/100g	0.0
Potassium, mg/100g	2.5
Ash, g/100g	0.0



SAFETY DATA SHEET

1. Identification

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Product Name: Natural Grand Marnier Type FL WS

Recommended Use: Flavor Ingredient

Application Method: For Industrial Use Only

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2. Hazards Identification

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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

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

Acetaldehyde

Benzenecarbaldehyde

CAS-No.

75-07-0

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.
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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.



PRODUCT DATA SHEET

Product: Natural Grand Marnier Type FL WS
Product Code: 7237066
Issue Date: 9/19/2022

PHYSICAL DATA:

Quality Attribute	Specification: Target (Range)
Appearance	Clear to Pale Yellow Transparent Liquid
Aroma	Characteristic of Grand Marnier
Taste	Characteristic of Grand Marnier
Flash Point (C)	20
Pounds per Gallon	6.988
Recommended Storage Conditions	Closed container in a cool dry place 15-30C
Expected Shelf Life	9 Months
Declarations	Vegan, Vegetarian, Natural, Kosher Certified, GMO Free (PCR Negative),
Allergens	None
Ingredient Declaration	Ethyl Alcohol, Propylene Glycol, Natural Flavors, Cocoa
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	Packaged in FDA approved materials. HDPE container.

Analytical/Microbiological Specifications:

Analysis	Specification	Method
Specific Gravity (25C)	0.7901 - 0.8901	Internal Procedure
Refractive Index	1.3348 - 1.4348	Internal Procedure
Organoleptic	Conforms to Standard	Internal Procedure