



PHONE: **440-647-0100** FAX: **440-647-0220** http://www.naturesgardencandles.com
E-mail address: info@naturesgardencandles.com

Safety Data Sheet

Product: Orange Juice Cake Fragrance Oil

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Orange Juice Cake Fragrance Oil

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Supplier: Natures Garden Fragrances

42109 State Route 18 Wellington, OH 44090

PHONE: 440-647-0100 FAX: 440-647-0220 http://www.naturesgardencandles.com

Department E-mail address: info@naturesgardencandles.com

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS Regulation (EC) No 1272/2008

Flammable Liquids, Category 4 H227: Combustible liquid

Acute Toxicity Oral, Category 5 H303: May be harmful if swallowed

Aspiration Hazard, Category 1 H304: May be fatal if swallowed and enters airways

Acute Toxicity Dermal, Category 5 H313: May be harmful in contact with skin

Skin Corrosion/Irritation, Category 2 H315: Causes skin irritation

Sensitization, Skin, Category 1 H317: May cause an allergic skin reaction

Eye Damage/Eye Irritation, Category 2A H319: Causes serious eye irritation
Acute Toxicity Inhalation, Category 5 H333: May be harmful if inhaled
Aquatic Acute Toxicity, Category 1 H400: Very Toxic to aquatic life

Aquatic Chronic Toxicity, Category 2 H411: Toxic to aquatic life with long lasting effects

Classification EU (67/548/EEC, 199/45/EC)

N Dangerous for the Environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Xi Irritant

R38: Irritating to skin

R43: May cause sensitization by skin contact

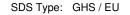
Xn Harmful

R22: Harmful if swallowed

R65: Harmful: may cause lung damage if swallowed

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)





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Hazard pictograms







Signal Word: Danger

Hazard statements

H2	27	Combustible liquid
Н3	03	May be harmful if swallowed
Н3	04	May be fatal if swallowed and enters airways
Н3	13	May be harmful in contact with skin
Н3	15	Causes skin irritation
Н3	17	May cause an allergic skin reaction
Н3	19	Causes serious eye irritation
Н3	33	May be harmful if inhaled
H4	.00	Very Toxic to aquatic life
H4	11	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

(eep cool	
	(eep cool

P264 Wash hands thoroughly after handling

P272 Contaminated work clothing should not be allowed out of the workplace

P273 Avoid release to the environment

Response:

P301 + P310 + P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do No) I

induce vomiting

P302 + P352 IF ON SKIN: Wash with soap and water

P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if

present and easy to do. Continue rinsing

P312 Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention

P337 + P313 If eye irritation persists: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse

P363 Wash contaminated clothing before reuse

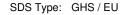
P370 + P378 In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use

a direct water jet on burning material

P391 Collect Spillage

2.3 Other Hazards

no data available





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3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification
120-51-4 Benzyl Be	204-402-9 nzoate	30 - 40 %	H302; H313; H400; H411	N - R51/53; Xn - R22
68647-72-3	232-433-8 antium var. dulci	10 - 20 % s	H226; H304; H315; H317; H400; H410	R10; N - R50/53; Xi - R38, R43; Xn - R65
100-51-6 <i>Benzyl Ald</i>	202-859-9 cohol	5 - 10 %	H302; H313; H319; H332	Xi - R36; Xn - R20, R22
121-33-5 <i>Vanillin</i>	204-465-2	5 - 10 %	H303; H319	Xi - R36
8050-15-5 Methyl est	232-476-2 ter of rosin (partia	2 - 5 %	H402; H412	R52/53
8008-57-9	232-433-8 antium dulcis (Oi	2 - 5 %	H226; H304; H315; H400; H410	R10; N - R51/53; Xi - R38, R43; Xn - R65
121-32-4 Ethyl vani	204-464-7	2 - 5 %	H303; H320; H402	
107-41-5	203-489-0 2,4-pentandiol	2 - 5 %	H315; H319	Xi - R36, R38
4940-11-8 Ethyl malt	225-582-5	1 - 2 %	H302	Xn - R22

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 22.13

4. First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest.

Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes.

Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap).

Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no data available

Risks: Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Refer to Section 2.2 "Response"



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SDS Type: GHS / EU

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO2), Dry chemical, Foam

Unsuitable Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values

Engineering Controls: Use local exhaust as needed.
8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc.

as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.



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SDS Type: GHS / EU

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Conforms to Standard

Odor: Conforms to Standard

Color: Yellow (G5)

Viscosity: Liquid

Freezing Point:

Boiling Point:

Melting Point:

Not determined

Not determined

Not determined

Not determined

Flashpoint:

154 F (67.78 C)

Auto flammability:

Not determined

None Expected

Oxidizing properties:

None Expected

 Vapor Pressure (mmHg@20 C):
 0.2723

 %VOC:
 22.5219

 Specific Gravity @ 25 C:
 1.0250

 Density @ 25 C:
 1.0220

 Refractive Index @ 20 C:
 1.5210

 Soluble in:
 Oil

10. Stability and Reactivity

10.1 Reactivity None10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions None known10.4 Conditions to avoid None known

10.5 Incompatible materials Strong oxidizing agents, strong acids, and alkalis

10.6 Hazardous decomposition products None known

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - mg/kg (LD50: 2,352.70) May be harmful if swallowed

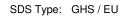
Acute toxicity - Dermal - mg/kg (LD50: 4,193.15) May be harmful in contact with skin

Acute toxicity - Inhalation - mg/L/4hr (LC50: 59.58) May be harmful if inhaled

Skin corrosion / irritation Causes skin irritation

Serious eye damage / irritation Causes serious eye irritation

Respiratory sensitization Not classified - the classification criteria are not met





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Germ cell mutagenicity

Reproductive toxicity

Skin sensitization

Carcinogenicity

Aspiration hazard

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May cause an allergic skin reaction

Not classified - the classification criteria are not met Not classified - the classification criteria are not met Not classified - the classification criteria are not met Specific target organ toxicity - single exposure Not classified - the classification criteria are not met Specific target organ toxicity - repeated exposure Not classified - the classification criteria are not met

May be fatal if swallowed and enters airways

12. **Ecological Information**

12.1 Toxicity

Acute aquatic toxicity Very Toxic to aquatic life

Chronic aquatic toxicity Toxic to aquatic life with long lasting effects

Toxicity Data on soil no data available Toxicity on other organisms no data available

12.2 Persistence and degradability no data available no data available 12.3 Bioaccumulative potential 12.4 Mobility in soil no data available 12.5 Other adverse effects no data available

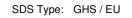
13. **Disposal Conditions**

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. **Transport Information**

Regulator		Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)		Not Regulated	d - Not Dangerou	s Goods	
Chemicals NOI					
ADR/RID (International Road	d/Rail)				
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
IATA (Air Cargo)					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
IMDG (Sea)					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082





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15. Regulatory Information

Additional European Regulations:

European Union (EINECS, ELINCS or NLP): 100.33% (by Wt) of the components are listed or exempt.

Additional Asian Regulations:

Australian AICS: 100.33% (by Wt) of the ingredients on AICS or notified.

Chinese IECS: 100.33% (by Wt) of the ingredients on IECS.

Japan ENCS: 100.32% (by Wt) of the ingredients on ENCS, fall within the 1000

kilogram per annum exemption or have been notified.

Korea KECL: 100.32% (by Wt) of the ingredients on KECL, fall within the 100

kilogram per annum exemption or have been notified.

New Zealand NZIoC: 100.32% (by Wt) of the ingredients on NZIoc. Philippines PICCS: 100.33% (by Wt) of the ingredients on PICCS.

The Status of the following ingredient(s) is NOT known for the registration lists noted;

Lists noted within <> brackets after name

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk (TFV) Risk

(2.24) Aspiration Hazard, Category 1(2.50) Skin Corrosion/Irritation, Category 2(19.40) Sensitization, Skin, Category 1(1.86) Eye Damage/Eye Irritation, Category 2A(2.35) Aquatic Acute Toxicity, Category 1(10.41) Aquatic Chronic Toxicity, Category 2

Department E-mail address: info@naturesgardencandles.com

Remarks

This safety data sheet is based on the properties of the material known to Natures Garden Fragrances™ at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Natures Garden Fragrances™ holds no responsibility. This document is not intended for quality assurance purposes.