



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

# Safety Data Sheet

Product: Toffee Apple Crunch

Fragrance Oil

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

#### 1.1 Product identifier

**Trade Name:** Toffee Apple Crunch 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

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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

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

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

Corrosion/Irritation, Category 3 H316: Causes mild skin irritation

Sensitization, Skin, Category 1B 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

R43: May cause sensitization by skin contact

Xn Harmful

R22: Harmful if swallowed

#### 2.2 Label elements

## Labeling (REGULATION (EC) No 1272/2008)

### **Hazard pictograms**









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Product: Toffee Apple Crunch Fragrance Oil

Signal Word: Warning

#### **Hazard statements**

H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

### **Precautionary Statements**

### **Prevention:**

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:

esponse.	
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
P363	Wash contaminated clothing before reuse
P391	Collect Spillage

#### 2.3 Other Hazards

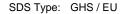
no data available

# 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	204-402-9	40 - 50 %	H302; H313; H400; H411	N - R51/53; Xn - R22	
Benzyl Benzoate						
	88-41-5	201-828-7	10 - 20 %	H227; H303; H316; H401; H411	N - R51/53	
	2-t-Butylcy	clohexyl acetate				
	101-86-0	202-983-3	5 - 10 %	H303; H316; H317; H400; H411	Xi - R38, R43	
Hexyl cinnamaldehyde						
	10094-34-5	233-221-8	5 - 10 %	H316; H401; H411	N - R51/53	
	a ,a-Dimethylphenethyl butyrate					





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Fragrance Oil

CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification		
1222-05-5	214-946-9	5 - 10 %	H316; H400; H410	N - R50/53		
Hexameti	hylindanopyran					
6413-10-1	229-114-0	2 - 5 %	H227; H316			
Ethyl 2-m						
706-14-9	211-892-8	2 - 5 %	H316			
gamma-D	ecalactone					
18479-58-8	242-362-4	2 - 5 %	H227; H303; H316; H319; H402	Xi - R38		
2,6-dimethyloct-7-en-2-ol						
100-51-6	202-859-9	2 - 5 %	H302; H313; H319; H332	Xi - R36; Xn - R20, R22		
Benzyl Al	cohol					
31906-04-4	250-863-4	1 - 2 %	H317; H402	Xi - R43		
Hydroxyis	Hydroxyisohexyl 3-cyclohexene carboxaldehyde					
121-32-4	204-464-7	1 - 2 %	H303; H320; H402			
Ethyl van	illin					
67634-00-8	266-803-5	1 - 2 %	H227; H302; H315	Xi - R38; Xn - R22		
Isoamyl Allylglycollate						
121-33-5	204-465-2	1 - 2 %	H303; H319	Xi - R36		
Vanillin						
See Section 16 for full text of GHS classification codes						

4. First Aid Measures

4.1 Description of first aid measures

Total Hydrocarbon Content (% w/w) = 0.00

**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"

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



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Product: Toffee Apple Crunch Fragrance Oil

SDS Type: GHS / EU

**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.

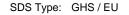
**Skin protection:** Avoid Skin contact. Use chemically resistant gloves as needed.

# 9. Physical and Chemical Properties

## 9.1 Information on basic physical and chemical properties

Appearance: Conforms to Standard

Odor: Conforms to Standard





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# **Safety Data Sheet**

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Colorless to Yellow Tint

Viscosity: Liquid

Freezing Point:

Boiling Point:

Melting Point:

Flashpoint:

Auto flammability:

Explosive Properties:

Not determined

>200 F (93.33 C)

Not determined

None Expected

None Expected

 Vapor Pressure (mmHg@20 C):
 0.069

 %VOC:
 3.5252

 Specific Gravity @ 25 C:
 1.0290

 Density @ 25 C:
 1.0260

 Refractive Index @ 20 C:
 1.5165

Soluble in: Not determined

# 10. Stability and Reactivity

10.1 Reactivity None10.2 Chemical stability Stable

10.3 Possibility of hazardous reactionsNone known10.4 Conditions to avoidNone 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: 2,247.91) May be harmful if swallowed

Acute toxicity - Dermal - mg/kg (LD50: 3,844.15) May be harmful in contact with skin

Acute toxicity - Inhalation - mg/L/4hr (LC50: 37.43) May be harmful if inhaled

Skin corrosion / irritationCauses mild skin irritationSerious eye damage / irritationCauses serious eye irritation

**Respiratory sensitization**Not classified - the classification criteria are not met

Skin sensitization May cause an allergic skin reaction

Germ cell mutagenicity

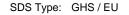
Not classified - the classification criteria are not met

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Specific target organ toxicity - repeated exposure

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Aspiration hazard

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Not classified - the classification criteria are not met

Not classified - the classification criteria are not met

# 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 soilno data availableToxicity on other organismsno data available

12.2 Persistence and degradabilityno data available12.3 Bioaccumulative potentialno data available12.4 Mobility in soilno data available12.5 Other adverse effectsno 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

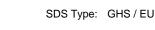
Regulator		Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)		Not Regulated	l - Not Dangerou	s Goods	
Chemicals NOI					
ADR/RID (International Road/Rail)					
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082
IATA (Air Cargo)					
Environmentally Hazardous Liquid, n.o.s.	Substance,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

# 15. Regulatory Information

**Additional European Regulations:** 

**European Union (EINECS, ELINCS or NLP):** 100.00% (by Wt) of the components are listed or exempt.

**Additional Asian Regulations:** 





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Australian AICS: 100.00% (by Wt) of the ingredients on AICS or notified.

Chinese IECS: 100.00% (by Wt) of the ingredients on IECS.

Japan ENCS: 98.80% (by Wt) of the ingredients on ENCS, fall within the 1000

kilogram per annum exemption or have been notified.

**Korea KECL:** 99.52% (by Wt) of the ingredients on KECL, fall within the 100 kilogram

per annum exemption or have been notified.

New Zealand NZIoC: 100.00% (by Wt) of the ingredients on NZIoc. Philippines PICCS: 100.00% (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

67634-00-8 266-803-5 1 - 2 % Isoamyl Allylglycollate : < ENCS>

698-10-2 0.01 - 0.1% 5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone : < KECL>

4430-31-3 224-623-4 0.1 - 1.0 % Octahydrocoumarin : < KECL>

## 16. Other Information

#### GHS H-Statements referred to under section 3

#### **Total Fractional Values**

(TFV) Risk (TFV) Risk

(5.06) Skin Corrosion/Irritation, Category 3 (9.50) Sensitization, Skin, Category 1B (1.43) Eye Damage/Eye Irritation, Category 2A (2.24) Aguatic Acute Toxicity, Category 1

(5.02) 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.