



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

Safety Data Sheet

Product: **Best Friends Fragrance Oil**

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

1.1 Product identifier

Trade Name: Best Friends 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

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

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

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

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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Signal Word: Warning

Hazard	statements	

H227	Combustible liquid
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

H333 May be harmful if inhaled H400 Very Toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P235 Keep cool

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilating/light/.../equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

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

P273 Avoid release to the environment

Response:

P302 + P352	IF ON SKIN: Wash with soap and water
F302 + F332	IF ON SIXIN. Wash with soap and water

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin

with water/shower

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

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

P352 Wash with soap and water

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

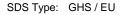
3. Composition/Information on Ingredients

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	30 - 40 %	H302; H313; H400; H411	N - R51/53; Xn - R22

Benzyl Benzoate





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CAS# Ingredient	EC#	Conc. Range	GHS Classification	EU Classification	
8050-15-5	232-476-2	10 - 20 %	H402; H412	R52/53	
Methyl es	ster of rosin (par	tially hydrogenat	ed)		
110-27-0	203-751-4	5 - 10 %	H316		
Isopropyl	myristate				
77-83-8	201-061-8	5 - 10 %	H317; H401; H411	N - R51/53; Xi - R43	
Ethyl met	hylphenylglycid	ate			
105-54-4	203-306-4	2 - 5 %	H226; H316; H401	R10	
Ethyl buty	/rate				
100-51-6	202-859-9	2 - 5 %	H302; H313; H319; H332	Xi - R36; Xn - R20, R22	
Benzyl Al	lcohol				
628-63-7	211-047-3	2 - 5 %	H226	R10, R66	
Amyl Ace	etate				
121-32-4	204-464-7	2 - 5 %	H303; H320; H402		
Ethyl van	illin				
540-18-1	208-739-2	2 - 5 %	H226	R10	
Amyl buty	/rate				
121-33-5	204-465-2	1 - 2 %	H303; H319	Xi - R36	
Vanillin					
88-41-5	201-828-7	1 - 2 %	H227; H303; H316; H401; H411	N - R51/53	
•	cyclohexyl aceta	te			
4940-11-8	225-582-5	1 - 2 %	H302	Xn - R22	
Ethyl mal	tol				
706-14-9	211-892-8	1 - 2 %	H316		
gamma-D	Decalactone				
25225-08-5	246-735-2	1 - 2 %	H227; H316; H401; H411	N - R51/53	
-	ronellene forma	te			
10094-34-5	233-221-8	1 - 2 %	H316; H401; H411	N - R51/53	
a ,a-Dime	ethylphenethyl b	utyrate			
141-97-9	205-516-1	1 - 2 %	H227; H303; H316		
Ethyl ace	toacetate				
104-55-2	203-213-9	0.1 - 1.0 %	H303; H312; H315; H317; H319; H401	Xi - R38, R43; Xn - R21	
Cinnama	1				
111-12-6 <i>Methyl-2-</i>	203-836-6 Octynoate	0.1 - 1.0 %	H227; H302; H316; H317	Xi - R43; Xn - R22	
Coo Cootion A	1 C for full tout of	CLIC alassification			

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.32

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.



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SDS Type: GHS / EU

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

UnsuitableDo 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

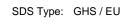
Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

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





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8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

 Component
 ACGIH TWA ppm
 ACGIH ACGIH ACGIH TWA ppm
 OSHA STEL ppm
 OSHA STEL ppm

 628-63-7
 Amyl Acetate
 50
 100
 100

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

Color: Yellow (G4)

Viscosity: Liquid

Freezing Point:

Boiling Point:

Not determined

Not determined

Melting Point:

Not determined

175 F (79.44 C)

Auto flammability:

Not determined

Not determined

Not determined

Not determined

Not determined

Not determined

None Expected

None Expected

 Vapor Pressure (mmHg@20 C):
 1.7592

 %VOC:
 13.11

 Specific Gravity @ 25 C:
 1.0250

 Density @ 25 C:
 1.0220

 Refractive Index @ 20 C:
 1.5100

 Soluble in:
 Oil

10. Stability and Reactivity

10.1 Reactivity None

10.2 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



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SDS Type: GHS / EU

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: 2,494.94) May be harmful if swallowed

Acute toxicity - Dermal - mg/kg (LD50: 3,352.43) May be harmful in contact with skin

Acute toxicity - Inhalation - mg/L/4hr (LC50: 33.55) May be harmful if inhaled

Skin corrosion / irritation Causes mild skin irritation

Serious eye damage / irritation

Not classified - the classification criteria are not met

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

Carcinogenicity Not classified - the classification criteria are not met

Reproductive toxicityNot classified - the classification criteria are not met

Specific target organ toxicity - single exposureNot classified - the classification criteria are not met

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

Aspiration hazard 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 soil no data available

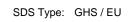
Toxicity on other organisms no data available

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.





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14. Transport Information

Regulator U.S. DOT (Non-Bulk) Chemicals NOI		Class Not Regulated	Pack Group - Not Dangerous	Sub Risk Goods	UN-nr.	
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:

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: 99.94% (by Wt) of the ingredients on ENCS, fall within the 1000

kilogram per annum exemption or have been notified.

Korea KECL: 100.00% (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

67633-96-9 266-797-4 0.01 - 0.1% cis-3-Hexenyl methyl carbonate : < ENCS>

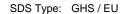
16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk (TFV) Risk

(2.17) Skin Corrosion/Irritation, Category 3 (3.00) Sensitization, Skin, Category 1A (1.64) Aquatic Acute Toxicity, Category 1 (2.55) Aquatic Chronic Toxicity, Category 2





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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.