

# Safety Data Sheet

## Section 1: Product Information

<b>1.1 Product Name:</b>	Trade Secret Mixture
Trade Name:	Freedom Fragrance Oil
<b>1.2 Product Use Description:</b>	Concentrated Fragrance Blend for use in customer product or substance <b>1.3</b>
<b>Manufacturer / Company:</b>	Nature's Garden.
Telephone Number:	440-647-0100 Between the hours of 8:30am-3:30pm
<b>1.4 Email Address:</b>	info@naturesgardencandles.com
After Hours Call Chemtrac:	Emergencies Only 1-800-424-9300 (+1 703-527-3887 outside of the US)

## Section 2: Hazard(s) Identification

<b>2.1 Classifications of Substance or Mixture:</b>	Hazard classifications are based on individual ingredient evaluation in accordance with GHS and other relevant regulations that follow. This product has not been tested as a whole.
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### Classification (REGULATION (EC) NO 1272/2008 and HCS 2012) GHS

Hazards:

- 2 - Environmental Hazard Aquatic Acute
- 2 - Environmental Hazard Aquatic Chronic
- 1B - Sensitization, Skin
- 3 - Skin Corrosion / Irritation

### 2.2 Label Elements

Symbols:



Signal Word:

Warning

Hazard Statements:

- H401 - Toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.
- H317 - May cause an allergic skin reaction.
- H316 - Causes mild skin irritation.

Precautionary Statements:

Prevention

- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
- P273 - Avoid release to the environment

Response

- P391 - Collect spillage
- P317 - Get medical help
- P364 - And wash it before reuse
- P332+P317 - If skin irritation occurs: Get medical advice/attention
- P333+P317 - If skin irritation or rash occurs: get medical help
- P362+P364 - Take off contaminated clothing and wash it before reuse

Disposal

- P501 - Dispose of contents/containers in accordance with local/regional/federal regulations.

### 2.3 Other Hazards:

No Data Available

## Section 3: Composition / Information on Ingredients

The specific chemical identities of the ingredients of this mixture are considered by Nature's Garden, Inc. to be Trade Secrets and are withheld in accordance with the provisions of S1910.1200 of Title 29 of the Code of Federal Regulations (CFR).

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3.1 Substance: Not Applicable

## 3.2 Mixture

### GHS Hazard Materials

METHYL DIHYDROJASMONATE (CAS# 24851-98-7)	5-10%	.H402.
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES (CAS# 54464-57-2)	1.0-5.0%	.H315.H317.H401.H410.
LIMONENE (CAS# 5989-27-5)	1.0-5.0%	.H315.H317.H400.H412.
ETHYLENE BRASSYLATE (CAS# 105-95-3)	1.0-5.0%	.H401.
ETHYL LINALOOL (CAS# 10339-55-6)	0.1-1.0%	.H303.H402.
2-T-BUTYLCYCLOHEXYLOXYBUTANOL (CAS# 139504-68-0)	0.1-1.0%	.H401.H411.
LINALYL ACETATE (CAS# 115-95-7)	0.1-1.0%	.H402.
LINALOOL (CAS# 78-70-6)	0.1-1.0%	.H303.H402.
BENZYL SALICYLATE (CAS# 118-58-1)	0.1-1.0%	.H303.H401.H412.
PENTADECALACTONE (CAS# 106-02-5)	0.1-1.0%	.H411.
TRIMOFIX O TT (CAS# 144020-22-4)	0.1-1.0%	.H400.H410.
ETHYL TRIMETHYL CYCLOPENTENE BUTENOL (CAS# 28219-61-6)	0.1-1.0%	.H401.H411.
VANILLIN (CAS# 121-33-5)	0.1-1.0%	.H303.H313.H402.
2,4-DIMETHYL-4,4A,5,9B-TETRAHYDROINDENO-1,3-DIOXIN* (CAS# 27606-09-3)	0.1-1.0%	.H302.
2-T-BUTYLCYCLOHEXYL ACETATE (CAS# 88-41-5)	0.1-1.0%	.H303.H401.H411.
DIHYDRO MYRCENOL (CAS# 18479-58-8)	0.1-1.0%	.H303.H402.
HYDROXYCITRONELLAL (CAS# 107-75-5)	0.1-1.0%	.H402.
CYCLAMEN ALDEHYDE (CAS# 103-95-7)	0.1-1.0%	.H303.H401.H412.
TERPINEOL (CAS# 98-55-5)	0.1-1.0%	.H303.H401.
FORMALDEHYDE CYCLODECYL ETHYL ACETAL (CAS# 58567-11-6)	0.1-1.0%	.H401.H411.
PHENETHYL ALCOHOL (CAS# 60-12-8)	0.1-1.0%	.H302.H313.
HELIOTROPINE (CAS# 120-57-0)	0.1-1.0%	.H303.H401.
COUMARIN (CAS# 91-64-5)	0.1-1.0%	.H302.H402.
HEXAMETHYLINDANOPYRAN (CAS# 1222-05-5)	0.1-1.0%	.H400.H410.
BENZYL BENZOATE (CAS# 120-51-4)	0.1-1.0%	.H302.H313.H400.H411.
DIMETHYLCYCLOHEXYLETHOXY ISOBUTYLPROPANOATE (CAS# 141773-73-1)	0.1-1.0%	.H401.H411.
ETHYL VANILLIN (CAS# 121-32-4)	0.1-1.0%	.H303.H402.
ETHYL DECADIENOATE (CAS# 3025-30-7)	< 0.1%	.H400.H411.
METHYL ANTHRANILATE (CAS# 134-20-3)	< 0.1%	.H303.H401.
BENZYL ACETATE (CAS# 140-11-4)	< 0.1%	.H303.H401.H412.
HEXYL ACETATE (CAS# 142-92-7)	< 0.1%	.H401.

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GERANYL ACETATE (CAS# 105-87-3)	< 0.1%	.H401.H412.
DIMETHYL-4-ISOHEPTENAL DIMETHYL ACETAL (CAS# 67674-46-8)	< 0.1%	.H402.H412.
2-ACETONAPHTHONE (CAS# 93-08-3)	< 0.1%	.H303.H401.
GERANIOL (CAS# 106-24-1)	< 0.1%	.H303.H402.
VETIVERIA ZIZANIOIDES ROOT OIL (CAS# 8016-96-4)	< 0.1%	.H401.H411.
DIMETHYL PHENETHYL BUTYRATE (CAS# 10094-34-5)	< 0.1%	.H401.H411.
CITRONELLYL ACETATE (CAS# 150-84-5)	< 0.1%	.H401.H411.
PINENE BETA (CAS# 127-91-3)	< 0.1%	.H400.H410.
CITRONELLOL (CAS# 106-22-9)	< 0.1%	.H303.H313.H401.
2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE (CAS# 68039-49-6)	< 0.1%	.H303.H401.H411.
ALPHA,3,3-TRIMETHYLCYCLOHEXYLMETHYL FORMATE (CAS# 25225-08-5)	< 0.1%	.H401.H411.
TRIMETHYL-2-CYCLOHEXENYL-3-PENTANONE/2PROPYNOL (CAS# 68611-23-4)	< 0.1%	.H410.
BETA MYRCENE (CAS# 123-35-3)	< 0.1%	.H400.H411.
TERPINENE, GAMMA (CAS# 99-85-4)	< 0.1%	.H303.H401.H411.
ETHYL HYDROXYPYRONE (CAS# 4940-11-8)	< 0.1%	.H302.H401.
METHYL DIHYDROXY-DIMETHYLBENZOATE (CAS# 4707-47-5)	< 0.1%	.H401.
JUNIPERUS VIRGINIANA OIL (CAS# 8000-27-9)	< 0.1%	.H401.H411.
MAYOL (CAS# 13828-37-0)	< 0.1%	.H401.
INDOLE (CAS# 120-72-9)	< 0.1%	.H302.H311.H401.
ETHYL 2,2-DIMETHYL HYDROCINNAMAL (CAS# 67634-15-5)	< 0.1%	.H400.H411.
CIS-3-HEXENYL METHYL CARBONATE (CAS# 67633-96-9)	< 0.1%	.H401.
CIS-JASMONE (CAS# 488-10-8)	< 0.1%	.H303.H402.
DELTA-MUSCENONE* (CAS# 63314-79-4)	< 0.1%	.H400.H412.
DIMETHYLCYCLOHEXENYL 3-BUTENYL KETONE (CAS# 56973-85-4)	< 0.1%	.H401.H411.
PINENE (CAS# 80-56-8)	< 0.1%	.H302.H400.H410.
DAMASCENONE (CAS# 23696-85-7)	< 0.1%	.H313.H401.H411.
GAMMA UNDECALACTONE (CAS# 104-67-6)	< 0.1%	.H402.H412.
5-METHYL-ALPHA-IONONE (CAS# 79-69-6)	< 0.1%	.H401.H411.
ALLYL HEPTANOATE* (CAS# 142-19-8)	< 0.1%	.H301.H311.H400.H412.
ANISALDEHYDE (CAS# 123-11-5)	< 0.1%	.H303.H402.H412.
METHYLBENZYL ACETATE (CAS# 93-92-5)	< 0.1%	.H402.
4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS# 32210-23-4)	< 0.1%	.H303.H401.
DIHYDRO PENTAMETHYLINDANONE (CAS# 33704-61-9)	< 0.1%	.H303.H401.H411.
CITRAL (CAS# 5392-40-5)	< 0.1%	.H313.H401.
ALPHA DAMASCONE (CAS# 43052-87-5)	< 0.1%	.H302.H313.H401.H411.
CAMPHOR (CAS# 76-22-2)	< 0.1%	.H302.H332.H401.H411.
TRIMETHYL-PENTYLCYCLOPENTANONE (CAS# 65443-14-3)	< 0.1%	.H401.H411.
CYCLOGALBANATE* (CAS# 68901-15-5)	< 0.1%	.H302.H400.H410.
ALLYL AMYL GLYCOLATE* (CAS# 67634-01-9)	< 0.1%	.H302.H330.H400.
EUCALYPTOL (CAS# 470-82-6)	< 0.1%	.H303.H402.
4-TERPINENOL (CAS# 562-74-3)	< 0.1%	.H302.H332.H313.H401.

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RHUBOFIX* (CAS# 41816-03-9)	< 0.1% .H303.
BORNEOL (CAS# 507-70-0)	< 0.1% .H303.H401.H411.
TERPINOLENE (CAS# 586-62-9)	< 0.1% .H303.H400.H410.
OXANE (CAS# 59323-76-1)	< 0.1% .H303.H402.H412.

## Section 4: First Aid Measures

<b>4.1 Description of First Aid Measures</b> General:	If medical advice/attention is needed, have this safety data sheet or label at hand and seek medical adv
Inhalation:	If inhaled, remove to fresh air. Seek medical attention immediately.
Eye Contact:	Flush immediately with cold water for at least 15 minutes. Remove contact lenses. Seek medical advice if symptoms persist or develop.
Skin Contact:	Wash affected areas with soap and water. Seek medical advice if symptoms persist or develop. Remov
Ingestion:	Do NOT induce vomiting unless advised by poison control or physician. Never give anything by mouth to an unconscious person. Seek medical attention immediately. Rinse mouth with water.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	No information available
<b>4.3 Indication of immediate medical attention and special treatment need</b>	No information available

## Section 5: Fire Fighting Measures

5. **Extinguishing media:** Carbon Dioxide(CO2), Dry chemical or foam. Use as spray only 5.  
**Special hazards arising from substance or mixture**

- Do not use water on burning material
- Avoid sources of ignition (eg. sparks, open flames, heat) near empty containers

5.3 **Advice for firefighters** No specific advice

## Section 6: Accidental Release Measures

<b>6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:</b>	Remove all sources of ignition. Avoid inhalation, skin, and eye contact. Ensure proper ventilation.
<b>6.2 Environmental Precautions:</b>	Discharge into the environment must be avoided. Keep out of sewers, drainage areas, or waterways. Report spills and releases to the appropriate local, state, and federal agencies.
<b>6.3 Methods for containment and cleaning up:</b>	Soak with sweeping compound or similar absorbent material. Discard in suitable waste container and dispose in accordance with regulations. Then wash with detergent and water.

## Section 7: Handling and Storage

<b>7.1 Precautions for safe handling:</b>	Keep away from sparks, open flames, and excessive temperatures. Avoid contact with skin, eyes, or clothing. Avoid inhalation. Always keep container tightly closed and labeled. Avoid eating, drinking, and smoking near areas where material is stored or handled. Wear appropriate gloves, eye, and face protection. Follow good personal hygiene.
<b>7.2 Precautions for safe storage, including any incompatibilities:</b>	Store in a cool, dry area with adequate ventilation. Keep container tightly closed when not in use.
<b>Precautions for safe storage, includin</b>	
<b>Empty container handling:</b>	Empty containers should be completely drained, properly closed and returned to a drum or container disposal service. Do not reuse or alter containers in any way.
<b>7.3 Specific end uses:</b>	No Information Available

## Section 8: Exposure Control / Personal Protection

<b>8.1 Control Parameters</b>	Not established
<b>8.2 Exposure Controls</b>	Avoid high temperatures while processing.
Engineering Controls	Appropriate ventilation is required where product is handled and used.
Environmental Exposure Controls	Minimize environmental release.
<b>Personal Protective Equipment</b>	
Respiratory protection:	Respirators should be selected based on the form and concentration of contaminant in air and in accordance with OSHA (29 CFR 1910.134). Usually not required.
Protective clothing:	When contact is likely, wear protective gloves and clothing.

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Eye protection:	Use goggles or face shield when eye contact might occur.
HMIS PPE Code:	B (Safety glasses, gloves)
Occupational exposure limits:	Have not been established

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Physical State:	Liquid
Color (Gardner Scale):	YELLOW
Odor:	To match target
Odor Threshold:	No Data Available
pH value @ 20°C	No Data Available
:	0.041
Vapor Pressure (mm Hg @ 20°C) :	0.934
Specific Gravity :	> 1
Relative Vapor Density (air = 1):	NO
Solubility in Water:	No Data Available
Viscosity:	212 F
Flashpoint (TCCC):	No Data Available
Melting Point/Freezing Point:	No Data Available
Boiling Point:	2.43
Volatile Organic Compound Percentage:	No Data Available
Evaporation Rate:	No Data Available
Partition Coefficient: n-octanol/water :	Product does not present an explosion hazard
Lower Explosion Limit:	Product does not present an explosion hazard
Upper Explosion Limit:	Product is not self igniting
Auto-ignition Temperature:	No Data Available
Decomposition Temperature:	1.57%

### 9.2 Hydrocarbon Content:

**Section 10: Stability and Reactivity** Other Safety Information: None

<b>10.1 Reactivity:</b>	Will not react violently with water. Stable under normal temperature conditions (65-85 degrees F) and recommended use.
<b>10.2 Chemical Stability:</b>	Presents no significant reactivity hazard.
<b>10.3 Possibility of Hazardous Reactions:</b>	None known.
<b>10.4 Conditions to Avoid:</b>	Avoid sources of ignition. Avoid extremes of temperature, direct sunlight, and temperatures close to flashpoint.
<b>10.5 Incompatible Materials:</b>	Avoid contact with strong acids, alkalis, or oxidizing agents.
<b>10.6 Hazardous Decomposition Products:</b>	None known.

## Section 11: Toxicological Effects

### 11.1 Information on Toxicological effects

This mixture has not been subjected to toxicological testing as a whole. The available data on the raw materials has been used to establish the health classification.

Acute Toxicity Estimates for individual ingredients has been used, where appropriate.

Acute Toxicity - Oral - Calculated LD50	not applicable - the classification criteria has not been met
Acute Toxicity - Dermal - Calculated LD50	not applicable - the classification criteria has not been met
Acute Toxicity - Inhalation - Calculated LC50	not applicable - the classification criteria has not been met
Skin Corrosion/irritation	Causes mild skin irritation.
Serious Eye Damage/irritation	not applicable - the classification criteria has not been met
Respiratory or Skin Sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	not applicable - the classification criteria has not been met
Carcinogenicity	not applicable - the classification criteria has not been met
Reproductive Toxicity	not applicable - the classification criteria has not been met
Specific Target Organ Toxicity - Single Exposure	not applicable - the classification criteria has not been met

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Specific Target Organ Toxicity - not applicable - the classification criteria has not been met  
 Repeated Exposure met  
 Aspiration Hazard not applicable - the classification criteria has not been met

See Section 2 for additional health hazards

## Section 12: Ecological Information

### 12.1 Toxicity

This mixture has not been subjected to environmental toxicologic testing as a whole. The available data on the raw materials has been used to establish Environmental Hazard Aquatic (Acute Toxic to aquatic life).

Environmental Hazard Aquatic (Chronic Toxic to aquatic life with long lasting effects).

**12.2 Persistence and Degradability:** No Data Available

**12.3 Bioaccumulative Potential:** No Data Available

**12.4 Mobility in Soil:** No Data Available

**12.5 Other Adverse Effects** No Data Available

Discharge into the environment must be avoided. Keep out of sewers, drainage areas, or waterways. Report spills and releases to the appropriate local, state, and federal agencies.

## Section 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Product: Discharge into the environment must be avoided.  
 Keep out of sewers, drainage areas, or waterways.  
 Dispose according to local, state, and federal regulations.  
 Handle per instructions under sections 6 thru 8.

Packing: Dispose according to local, state, and federal regulations.

## Section 14: Transportation Information

Harmonized Tariff Code:	3302.90.10.10
<b>Proper Shipping Names</b>	UN3082, Environmentally Hazardous Substance, Liquid NOS (METHYL DIHYDROJASMONATE),
49CFR/ADR/RID (bulk)	9, III
49CFR/ADR/RID (non bulk)	Not Considered Hazardous
IATA/IMDG (< 5L)	Not Considered Hazardous
IATA/IMDG (> 5L)	UN3082, Environmentally Hazardous Substance, Liquid NOS (METHYL DIHYDROJASMONATE), 9, III

## Section 15: Regulatory Information

California Proposition 65 List:

BETA MYRCENE (indirect from natural food sources) 0.0288% (CAS: 123-35-3)

The listed materials that have been determined to come from a natural food source qualify for the Natural Food Source labeling exemption stated in 27 CCR § 25501 (a) & (b) The Comprehensive Environmental Response, Compensation, and Liability

Act (CERCLA): None Known to Nature's Garden

Superfund Amendments and Reauthorization Act - section 313 (SARA 313)

/Emergency Planning and Community Right-to-Know Act sections 302 & 304 (EPCRA): None Known to Nature's Garden

Toxic Release Inventory (TRI): None Known to Nature's Garden

Clean Air Act - section 112 (r) None Known to Nature's Garden (CAA) :

\*The aforementioned lists are subject to minimum quantity reporting thresholds, facility qualifications, and other factors that influence whether or not EPA reporting is necessary. The information above is given so that receiving parties can make the appropriate judgement on whether or not to report.

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## Section 16: Other Information

The information provided by Nature's Garden, LLC. in this Safety Data Sheet was written to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not intended to be considered a warranty or quality specification. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Appropriate warnings and safe handling procedures should be provided to all handlers and users. Nature's Garden, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product.