

# SAFETY DATA SHEET



DATE ISSUED :	3/10/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Gardenia

**PRODUCT TYPE:** Perfumery Compound (Mixture)

**PRODUCT RECOMMENDED USE:** Compound used in customer substance/ mixture / product.

### MANUFACTURER

NorthWood Distributing, LLC

201 N Meridian Street

Belle Plaine, MN 56011

[customercare@northwoodcandle.com](mailto:customercare@northwoodcandle.com)

952-679-4058

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION:

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: Harmful if swallowed
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 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
Carcinogenicity, Category 1B	H350: May cause cancer
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child
Reproductive Toxicology, Category 2	H361: Suspected of damaging fertility or the unborn child
Target Organ Systemic Toxicity – Single Exposure, Category 2	H371: May cause damage to organs
Aquatic Acute Toxicity, Category 2	H401: Toxic to aquatic life
Aquatic Chronic Toxicity, Category 3	H412: Harmful to aquatic life with long lasting effects

### Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIB Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate
	16 : Causes eye irritation
Acute Inhalation	23 : May cause respiratory tract irritation.

Acute Oral  
Reproductive/Developmental  
Sensitization/Allergic Response  
Target Organ Effects

25 : Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia  
3 : May be harmful if swallowed  
39 : Causes reproductive/developmental  
31 : May cause allergic skin reaction.  
26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, spleen, blood, bile duct  
28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin

Carcinogenicity

This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

**GHS LABEL ELEMENTS:  
HAZARD PICTOGRAM**



**Labelling (REGULATION (EC) No 1272/2008)**

**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H303	Harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H371	May cause damage to organs
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

**PRECAUTIONARY STATEMENTS:**

**Prevention:**

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P233	Keep container tightly closed
P235	Keep cool
P260	Do not breathe dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

**Response:**

P301 + P312 + P330	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth
P302 + P352	IF ON SKIN: Wash with soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
P308 + P313	IF exposed or concerned: Get medical advice/attention
P309	IF exposed or you feel unwell:
P310	Immediately call a POISON CENTER or doctor/physician
P311	Call a POISON CENTER or doctor/physician
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
P352	Wash with soap and water
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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %
Benzyl acetate	140-11-4	20% to 30%
phenethyl alcohol	60-12-8	10% to 20%
Linalool	78-70-6	5% to 10%
Benzyl Salicylate	118-58-1	5% to 10%
methylbenzyl acetate	93-92-5	5% to 10%
alpha-Terpineol	98-55-5	2% to 5%
Butylphenyl Methylpropional	80-54-6	2% to 5%
Linalyl acetate	115-95-7	2% to 5%
Geraniol	106-24-1	2% to 5%
Hexyl cinnamaldehyde	101-86-0	2% to 5%
gamma-Nonalactone	104-61-0	1% to 2%
Amyl Cinnamal	122-40-7	1% to 2%
2,6-dimethyloct-7-en-2-ol	18479-58-8	1% to 2%
Methyldihydrojasmonate	24851-98-7	1% to 2%

Nerol	106-25-2	1% to 2%
Benzyl Benzoate	120-51-4	1% to 2%
Cinnamomum Zeylanicum (Cinnamon Leaf Oil), ext.	8015-91-6	0.1% to 1.0%

Total Hydrocarbon Content (% w/w) = 0.00

**INGREDIENTS:**

The identity of the specific components of this mixture is proprietary information and is regarded to be a trade secret, in accordance with Paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to Section 2 for Health Hazard Identification based on the evaluation of the individual components.

**4. FIRST AID MEASURES**

**EYES:**

Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

**SKIN:**

Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, seek medical attention.

**INGESTION:**

Rinse mouth with water and obtain medical advice.

**INHALATION:**

Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration and oxygen if available. Seek medical attention immediately.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

In the event of a genuine medical emergency, additional information will be revealed to a qualified health professional.

**5. FIRE FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:** Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use the direct water jet on burning material.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE /MIXTURE:** Empty containers retain product residue (liquid or vapor) and can be dangerous. They should be rinsed with water and disposed of properly. Soaked rags or paper may pose a spontaneous combustion hazard in unsealed trash receptacles.

**DURING FIREFIGHTING:** Water may be ineffective.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Treat as a chemical fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

**ADVICE FOR FIREFIGHTERS:** Further information: Standard Procedure for chemical fires.

**6. ACCIDENTAL RELEASE MEASURES**

**ACCIDENTAL RELEASE MEASURES:** Eliminate all ignition sources. Ventilate Area. Contain spill and absorb spill onto inert material. Place material into a suitable container and dispose of in accordance with local regulations. DO NOT leave soaked rags or paper in unsealed receptacles as spontaneous combustion may sometimes occur under certain circumstances.

**PERSONAL PRECAUTIONS AND PROCEDURES:** Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

**CLEANUP AND CONTAINMENT:** 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.

**ENVIRONMENTAL PRECAUTIONS:** Keep away from drains, soil, surface and ground water.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Apply good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling.

**HANDLING AND STORAGE:** 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.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS:

CAS	CHEMICAL NAME	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
140-11-4	Benzyl acetate	10			

**ENGINEERING CONTROLS:** Use local exhaust as needed.

**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

**COLOR:** Colorless to Nearly Colorless G0

**ODOR:** Conforms to Standard

**APPEARANCE:** Conforms to Standard

**FLASH POINT:** >200 F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** Not Determined

**BOILING POINT/RANGE:** Not Determined

**MELTING POINT:** Not Determined

**VISCOSITY:** Liquid

**VAPOR PRESSURE:** 0.0449

**VAPOR DENSITY:** Not Determined

**SOLUBILITY:** Oil

**PERCENT VOC:** 21.5841

**SPECIFIC GRAVITY @ 25C:** 0.9770

**EVAPORATION RATE:** Less than 1

**REFRACTIVE INDEX @ 20C:** 1.4910

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Product is stable under normal storage and use.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Known.

**CONDITIONS TO AVOID:** Excessive heat, sparks or open flame.

**MATERIALS TO AVOID:** Strong oxidizing agents or contamination with strong acids or alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Known.

**REACTIVITY:** None.

## 11. TOXICOLOGICAL INFORMATION

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

**Acute toxicity - Oral - (Rat) mg/kg**

(LD50: 2,993.25) Harmful if swallowed

**Acute toxicity - Dermal - (Rabbit) mg/kg**

(LD50: 2,705.91) May be harmful in contact with skin

**Acute toxicity - Inhalation - (Rat) mg/L/4hr**

(LC50: 34.33) 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

**Skin sensitization**

May cause an allergic skin reaction

**Germ cell mutagenicity**

Not classified - the classification criteria are not met

<b>Carcinogenicity</b>	May cause cancer
<b>Reproductive toxicity</b>	Suspected of damaging fertility or the unborn child
<b>Specific target organ toxicity - single exposure</b>	May cause damage to organs
<b>Specific target organ toxicity - repeated exposure</b>	Not classified - the classification criteria are not met
<b>Aspiration hazard</b>	Not classified - the classification criteria are not met

## 12. ECOLOGICAL INFORMATION

**ACUTE AQUATIC TOXICITY:** Toxic to aquatic life.

**CHRONIC AQUATIC TOXICITY:** Toxic to aquatic life with long lasting effects.

**PERSISTENCE AND DEGRADABILITY:** No data Available

**BIO-ACCUMULATIVE POTENTIAL:** No data Available

**MOBILITY IN SOIL:** No data Available

**OTHER ADVERSE EFFECTS:** No data Available

**ECOTOXICOLOGICAL OTHER INFORMATION:** No data Available

## 13. DISPOSAL CONSIDERATIONS

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

<b>Regulator</b>	<b>Class</b>	<b>Pack Group</b>	<b>Sub Risk</b>	<b>UN-nr</b>
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI	Not Regulated-Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>IATA (Air Cargo)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			
<b>IMGD (Sea)</b> Chemicals NOI	Not Regulated - Not Dangerous Goods			

## 15. REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### TSCA (USA TOXIC SUBSTANCE CONTROL ACT):

All components of the substance/mixture are listed or exempt

**40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains the following components:**

This product contains NO components of concern.

**US STATE REGULATIONS**

**RIGHT TO KNOW:** The identities of the ingredients of this mixture are proprietary and are considered to be trade secrets.

**CALIFORNIA PROPOSITION 65:** This mixture contains the following chemical (s) subject to the reporting requirements of the Safe Drinking Water and Toxic Enforcement Act of 1986.

**California Proposition 65 Warning**

94-59-7            202-345-4  
93-15-2            202-223-0

**This product contains the following components:**

<= 15 ppm        Safrole (NFS)  
<= 6 ppm           Methyl Eugenol (NFS)

**Canadian Regulations:**

**DSL / NDSL**                    100.00% of the components are listed or exempt.

**16. OTHER INFORMATION**

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

**Total Fractional Values**

(TFV) Risk	(TFV) Risk
(2.52) Skin Corrosion/Irritation, Category 2	(5.11) Sensitization, Skin, Category 1B
(6.84) Eye Damage/Eye Irritation, Category 2A	(1.28) Carcinogenicity, Category 1B
(1.42) Reproductive Toxicology, Category 2	(5.11) Target Organ Systemic Toxicity - Single Exposure, Category 2
(3.45) Aquatic Acute Toxicity, Category 2	(5.17) Aquatic Chronic Toxicity, Category 3

**DISCLAIMER:**

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