

# SAFETY DATA SHEET



DATE ISSUED :	6/30/2021

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Frasier Fir & Citrus

**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:

Flammable Liquids, Category 4

Acute Toxicity Oral, Category 5

Aspiration Hazard, Category 1

Acute Toxicity Dermal, Category 5

Skin Corrosion/Irritation, Category 2

Sensitization, Skin, Category 1B

Acute Toxicity Inhalation, Category 5

Aquatic Acute Toxicity, Category 1

Aquatic Chronic Toxicity, Category 2

H227 : Combustible liquid

H303 : May be harmful if swallowed

H304 : May be fatal if swallowed and enters airways

H313 : May be harmful in contact with skin

H315 : Causes 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

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

Flammable Liquids, Category 4

Aspiration Hazard, Category 1

Skin Corrosion/Irritation, Category 2

Sensitization, Skin, Category 1B

Aquatic Acute Toxicity, Category 1

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### GHS LABEL ELEMENTS:

#### HAZARD PICTOGRAM



**SIGNAL WORD:** Warning

**HAZARD STATEMENTS:**

H227	Combustible liquid
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**PRECAUTIONARY STATEMENTS:**

P235	Keep 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 NOT 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
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
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO <sub>2</sub> ), 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 %
Limonene	5989-27-5	20% to 100%
Isobornyl acetate	125-12-2	5% to 10%

Diethyl malonate	105-53-3	2% to 5%
Benzyl Benzoate	120-51-4	1% to 2%
Allyl cyclohexylpropionate	2705-87-5	1% to 2%
Ethylene brassylate	105-95-3	1% to 2%
Citral	5392-40-5	1% to 2%
Ethyl trimethylcyclopentene butenol	28219-61-6	1% to 2%
Isoamyl Allylglycollate	67634-00-8	1% to 2%
Dimethyltetrahydro Benzaldehyde	68737-61-1	0.1% to 1.0%
p-cymene	99-87-6	0.1% to 1.0%
pinene	80-56-8	0.1% to 1.0%
2-Methylundecanal	110-41-8	0.1% to 1.0%
beta Pinene	127-91-3	0.1% to 1.0%
delta-3-Carene	13466-78-9	0.1% to 1.0%

\* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

#### **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, Dry Chemical, Foam, or other NON-Aqueous material.

**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.

### 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:

Use splash goggles or face shield when eye contact is possible. Respiratory protection is not generally required, if desired use NIOSH approved organic vapor respirator. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Store in a cool, dry, well ventilated area away from all sources of heat or flame.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** If desired wear a NIOSH approved respirator. Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

**EYE PROTECTION:** Use tightly sealed splash goggles, face shield, or safety glasses with brow guards and side shields as may be appropriate.

**SKIN PROTECTION:** Avoid skin contact. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Use of a rubber apron is recommended when handling large quantities of this material.

**WORK/HYGIENIC PRACTICES:** Good personal hygiene practices should be used. Wash hands after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before using again.

**OTHER USE PRECAUTIONS:** None generally required.

**COMMENTS:** This material is intended for manufacturing use only. Contaminated equipment should be cleaned with soap and water. Do not discharge wash water into lakes, streams, ponds, or public waters.

<b>EXPOSURE LIMITS:</b>		<b>ACGIH TWA ppm</b>
80-56-8	pinene	20
127-91-3	beta Pinene	20
13466-78-9	delta-3-Carene	20

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**COLOR:** Conforms to Standard

**ODOR:** Sweet buttery vanilla with slight alcohol note

**APPEARANCE:** Conforms to Standard

**FLASH POINT:** 162 F

**FLASH POINT METHOD:** CLOSED CUP

**AUTO-IGNITION TEMPERATURE:** Not Determined

**BOILING POINT/RANGE:** Not Determined

**MELTING POINT:** Not Determined

**VISCOSITY:** Liquid

**VAPOUR PRESSURE:** 0.4329 (mmHg@20C)

**VAPOUR DENSITY:** Not Determined

**SOLUBILITY:** Oil

**PERCENT VOC:** 22.81

**SPECIFIC GRAVITY:** Not Determined

**EVAPORATION RATE:** Not Determined

REFRACTIVE INDEX @ 25C: Not Determined

#### 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-ORAL:** (LD50: 4138.9579) May be harmful if swallowed.

**ACUTE TOXICITY- DERMAL:** (LD50: 4764.5631) May be harmful in contact with skin.

**ACUTE TOXICITY- INHALATION:** (RAT) mg/L/4 hr (LD50: 118.7669) May be harmful if inhaled.

**ACUTE EFFECTS:**

**EYE CONTACT:** Causes serious eye irritation.

**SKIN IRRITATION:** Causes skin irritation.

**SKIN SENSITIZATION:** May cause an allergic skin reaction.

**RESPIRATORY SENSITIZATION:** Not Classified-The classification criteria are not met.

**TARGET ORGAN:** Single exposure: Not classified.

**GERM CELL MUTAGENICITY:** Not classified.

**REPRODUCTIVE TOXICITY:** Not classified.

**ASPIRATION HAZARD:** May be fatal if swallowed and enters airways.

#### 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

Regulator	Class	Pack Group	Sub Risk	UN-nr
<b>U.S. DOT (Non-Bulk) Chemicals NOI</b>	Not Regulated-Not Dangerous Goods			
<b>ADR/RID (International Road/Rail)</b>				
Environmentally Hazardous Substance, Liquid, n.o.s.	9	III		UN-3082
<b>IATA (Air Cargo)</b>				
Environmentally Hazardous Substance Liquid, n.o.s.	9	III		UN-3082
<b>IMGD (Sea)</b>				
Environmentally Hazardous Substance Liquid, n.o.s.	9	III		UN-3082

### 15. REGULATORY INFORMATION

#### US FEDERAL REGULATIONS

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

All ingredients in this mixture are listed on the TSCA inventory.

##### SARA TITLE III (SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT):

###### 311 / 312 HAZARD CATEGORIES

<b>FIRE:</b>	Yes
<b>REACTIVITY</b>	No
<b>SUDDEN RELEASE OF PRESSURE:</b>	No
<b>IMMEDIATE (ACUTE):</b>	Yes
<b>DELAYED (CHRONIC):</b>	No

**SARA SECTION 313:** This mixture contains the following toxic chemical (s) subject to the reporting requirements of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 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.

123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

## 16. OTHER INFORMATION

### GHS H-Statements referred to under section 3 and not listed in section 2

H226 : Flammable liquid and vapor	H302 : Harmful if swallowed
H312 : Harmful in contact with skin	H316 : Causes mild skin irritation
H317 : May cause an allergic skin reaction	H319 : Causes serious eye irritation
H330 : Fatal if inhaled	H332 : Harmful if inhaled
H361 : Suspected of damaging fertility or the unborn child	H401 : Toxic to aquatic life
H402 : Harmful to aquatic life	H410 : Very toxic to aquatic life with long lasting effects
H412 : Harmful to aquatic life with long lasting effects	

### Total Fractional Values

(TFV) Risk	(TFV) Risk
(42.10) Acute Toxicity Inhalation, Category 5	(16.64) Sensitization, Skin, Category 1B
(15.00) Sensitization, Skin, Category 1	(13.40) Aquatic Chronic Toxicity, Category 3
(2.91) Skin Corrosion/Irritation, Category 3	(2.19) Skin Corrosion/Irritation, Category 2
(1.83) Aspiration Hazard, Category 1	(1.27) Aquatic Chronic Toxicity, Category 2
(1.21) Acute Toxicity Oral, Category 5	(1.05) Acute Toxicity Dermal, Category 5
(1.04) Aquatic Acute Toxicity, Category 1	(1.01) Aquatic Chronic Toxicity, Category 4

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