

SAFETY DATA SHEET

DATE ISSUED :	8/19/2022



1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Evergreen Spruce

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

952-679-4058

2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Flammable Liquids, Category 4

Acute Toxicity Oral, Category 5

Skin Corrosion/Irritation, Category 2

Sensitization, Skin, Category 1A

Eye Damage/Eye Irritation, Category 2A

Acute Toxicity Inhalation, Category 5

Aquatic Acute Toxicity, Category 2

Aquatic Chronic Toxicity, Category 3

H227 : Combustible liquid

H303 : May be harmful if swallowed

H315 : Causes mild skin irritation

H317 : May cause an allergic skin reaction

H319 : Causes serious eye irritation

H333 : May be harmful if inhaled

H401 : Toxic to aquatic life

H412 : Harmful to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammable Liquids, Category 4

Skin Corrosion/Irritation, Category 2

Sensitization, Skin, Category 1A

Eye Damage/Eye Irritation, Category 2A

Reproductive Toxicity, Category 2

H227 : Combustible liquid

H315 : Causes skin irritation

H317 : May cause an allergic skin reaction

H319 : Causes serious eye irritation

H361 : Suspected of damaging fertility or the unborn child

GHS LABEL ELEMENTS:

HAZARD PICTOGRAM



SIGNAL WORD: Warning

HAZARD STATEMENTS:

H227	Combustible liquid
H303	May be harmful if swallowed
H313	May be harmful in contact with skin
H315	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H361	Suspected of damaging fertility or the unborn child
H401	Toxic to aquatic life
H412	Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

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
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
P264	Wash hands thoroughly after handling
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:

P302 + P352	IF ON SKIN: 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
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
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 (CO ₂), 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 %
Isobornyl acetate	125-12-2	10% to 20%
Limonene	5989-27-5	2% to 5%
Linalyl Acetate	115-95-7	2% to 5%
Isobutyl Methyl Tetrahydropyranol	63500-71-0	2% to 5%
2,6-dimethyloct-7-en-2-ol	18479-58-8	2% to 5%
Tetrahydrolinalool	78-69-3	2% to 5%
Terpineol	8000-41-7	1% to 2%
Eucalyptol	470-82-6	1% to 2%
Eugenol	97-53-0	1% to 2%
Terpineol acetate	8007-35-0	1% to 2%
2-Methylundecanal	110-41-8	1% to 2%
a-Methyl-1,3-benzodioxole-5-propionaldehyde	1205-17-0	1% to 2%
Menthol	15356-70-4	1% to 2%
Cinnamal	104-55-2	0.1% to 1.0%
Hydroxycitronellal	107-75-5	0.1% to 1.0%
Linalool	78-70-6	0.1% to 1.0%
alpha-Methylcinnamaldehyde	101-39-3	0.1% to 1.0%
pinene	80-56-8	0.1% to 1.0%
IsoCycloCitral	1335-66-6	0.1% to 1.0%
(ethoxymethoxy)cyclododecane	58567-11-6	0.1% to 1.0%
Methyl isoeugenol (Isoeugenyl methyl ether)	93-16-3	0.1% to 1.0%
Methyl atrarate	4707-47-5	0.1% to 1.0%
Cinnamyl nitrile	1885-38-7	0.1% to 1.0%
Lauraldehyde	112-54-9	0.1% to 1.0%
Dimethyltetrahydro Benzaldehyde	68737-61-1	0.1% to 1.0%
gamma-Terpinene	99-85-4	0.1% to 1.0%

Total Hydrocarbon Content (% w/w) = 4.92

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

CONTROL PARAMETERS

EXPOSURE LIMITS:

CAS	Component	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
80-56-8	pinene	20			

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Conforms to Standard

ODOR: Conforms to Standard

APPEARANCE: Conforms to Standard

FLASH POINT: 190 F

FLASH POINT METHOD: CLOSED CUP

AUTO-IGNITION TEMPERATURE: Not Determined

BOILING POINT/RANGE: Not Determined

MELTING POINT: Not Determined

VISCOSITY: Liquid

VAPOUR PRESSURE: 0.0886 (mmHg@20C)

VAPOUR DENSITY: Not Determined

SOLUBILITY: Oil

PERCENT VOC: 7.77

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: 4903.3349) May be harmful if swallowed.

ACUTE TOXICITY- DERMAL: Not classified - the classification criteria are not met

ACUTE TOXICITY- INHALATION: (RAT) mg/L/4 hr (LD50: 136.5543) 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: Suspected of damaging fertility or the unborn child

ASPIRATION HAZARD: 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

Marine Pollutant No

Regulator	Class	Pack Group	Sub Risk	UN-nr
U.S. DOT (Non-Bulk) Chemicals NOI	Not Regulated-Not Dangerous Goods			
ADR/RID (International Road/Rail) Chemicals NOI	Not Regulated-Not Dangerous Goods			
IATA (Air Cargo) Chemicals NOI	Not Regulated-Not Dangerous Goods			
IMGD (Sea) 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 NO components of concern.

US STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product contains the following components:

123-35-3(NFS)	204-622-5	0.01 - 0.1%	beta-Myrcene (Natural Source)
94-59-7(NFS)	202-345-4	<= 36 ppm	Safrole (Natural Source)
93-15-2(NFS)	202-223-0	<= 3 ppm	Methyl Eugenol (Natural Source)

Canadian Regulations

DSL

99.90% of the components are listed or exempt. The following components are NOT on the List:

16251-77-7	240-362-9	0.1 - 1.0 %	3-Phenylbutanal
94201-73-7	303-662-1	<= 44 ppm	Tetrahydro-4-methyl-2-phenyl-2H-pyran

16. OTHER INFORMATION

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

H226 : Flammable liquid and vapor	H301 : Toxic if swallowed
H302 : Harmful if swallowed	H304 : May be fatal if swallowed and enters airways
H312 : Harmful in contact with skin	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	H320 : Causes eye irritation
H332 : Harmful if inhaled	H400 : Very Toxic to aquatic life
H402 : Harmful to aquatic life	H410 : Very toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk	(TFV) Risk
(36.69) Acute Toxicity Inhalation, Category 5	(10.07) Aquatic Chronic Toxicity, Category 3
(10.00) Reproductive Toxicity, Category 2	(8.11) Sensitization, Skin, Category 1A
(3.99) Sensitization, Skin, Category 1B	(3.15) Skin Corrosion/Irritation, Category 3
(2.86) Aquatic Acute Toxicity, Category 2	(1.98) Eye Damage/Eye Irritation, Category 2
(1.85) Skin Corrosion/Irritation, Category 2	(1.46) Eye Damage/Eye Irritation, Category 2A
(1.02) Acute Toxicity Oral, Category 5	

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