

SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

Product: Christmas Lane

Section 1. Identification

Product Identifier

Product identifier: Christmas Lane

Recommended use of the chemical and restrictions on use

Product uses:

Supplier Details

Emergency telephone number

Emergency phone: 1-800-424-9300

Section 2. Hazard(s) identification

Classification

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger: Flammable Liquid, Hazard Category 4
Sensitization - Skin Category 1

Specific Target Organ Toxicity (Single Exposure) Category 2
H227, Combustible liquid.

H317, May cause an allergic skin reaction.

H371, May cause damage to organs (organs, exposure route).

Label elements

Signal word: Warning

Hazard statements: H227, Combustible liquid.

H317, May cause an allergic skin reaction.

H371, May cause damage to organs (organs, exposure route).

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P260, Do not breathe vapour or dust.

P264, Wash hands and other contacted skin thoroughly after handling.

P270, Do not eat, drink or smoke when using this product.

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

P280, Wear protective gloves/eye protection/face protection.

P302/352, IF ON SKIN: Wash with plenty of soap and water.

P309/311, IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P363, Wash contaminated clothing before reuse.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P403/235, Store in a well-ventilated place. Keep cool.

P405, Store locked up.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition/information on ingredients

Mixtures

Contains:

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Name	CAS	%	GHS Classification
Eucalyptol	470-82-6	1-<5%	FL 3-SS 1B;H226-H317
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	1-<5%	FL 4-FS 2-ATO 4-ATI 4-STO-SE 2; H227-H228-H302-H332-H371
Linalool	78-70-6	1-<5%	FL 4-SCI 2-EDI 2A;H227-H315-H319
Allyl hexanoate	123-68-2	0.1-<1%	FL 4-ATO 3-ATD 3-ATI 3;H227-H301-H311-H331
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	68039-49-6	0.1-<1%	FL 4-SCI 2-EDI 2A-SS 1B;H227-H315-H317-H319
d-Limonene	5989-27-5	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317
cis-4-(Isopropyl)cyclohexanemethanol	13828-37-0	0.1-<1%	SS 1B;H317
Allyl cyclohexanepropionate	2705-87-5	0.1-<1%	ATO 4-ATD 4-ATI 4-SS 1;H302-H312-H317-H332
Lauric aldehyde	112-54-9	0.1-<1%	SCI 2-EDI 2A-SS 1B;H315-H317-H319
Benzyl salicylate	118-58-1	0.1-<1%	EDI 2B-SS 1B;H317-H320
d-.alpha.-Pinene	7785-70-8	0.1-<1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317
Citral	5392-40-5	0.1-<1%	FL 4-SCI 2-EDI 2A-SS 1B;H227-H315-H317-H319
Ethyl methylphenylglycidate	77-83-8	0.1-<1%	SS 1B;H317
Geranyl acetate	105-87-3	0.1-<1%	SCI 2-SS 1;H315-H317
delta-3-Carene	13466-78-9	<0.1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317
dl-Limonene (racemic)	138-86-3	<0.1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317
Phellandrene	1329-99-3	<0.1%	FL 3-ATO 4-AH 1;H226-H302-H304
Myrcene (Natural Source)	123-35-3	<0.1%	FL 3-SCI 2-EDI 2A-AH 1;H226-H304-H315-H319
alpha-Pinene	80-56-8	<0.1%	FL 3-SCI 2-SS 1B-AH 1;H226-H304-H315-H317

The exact percentage concentrations of components are being withheld as a trade secret.

Section 4. First-aid measures

Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

May cause damage to organs (organs, exposure route).

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

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Section 5. Fire-fighting measures

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Section 7. Handling and storage

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Section 8. Exposure controls/personal protection

Control parameters

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other exposure guidelines

No information available

Exposure controls

Engineering measures

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Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Section 9. Physical and chemical properties

Physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	194 °F
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
<u>Other information:</u>	None available

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Section 10. Stability and reactivity

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in 29 CFR 1910.1200.

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Specific Target Organ Toxicity (Single Exposure) Category 2
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.
<u>Additional Information</u>	None available

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Section 12. Ecological information

Ecotoxicity:

Harmful to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

Section 13. Disposal considerations

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

UN number: Not classified

UN Proper Shipping Name: Not classified

Transport hazard class(es): Not classified

Sub Risk: Not classified

Packing Group: Not classified

Environmental hazards: Not environmentally hazardous for transport

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

Additional information

None additional

Section 16. Other information

Concentration % Limits: SS 1=25.00% STO-SE 2=76.92%

Total Fractional Values: SS 1=4.00 STO-SE 2=1.30

Key to revisions:

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SECTION 3: Composition/information on ingredients

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 3	Acute Toxicity - Dermal Category 3
ATD 4	Acute Toxicity - Dermal Category 4
ATI 3	Acute Toxicity - Inhalation Category 3
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 3	Acute Toxicity - Oral Category 3
ATO 4	Acute Toxicity - Oral Category 4
EDI 2A	Eye Damage / Irritation Category 2A
EDI 2B	Eye Damage / Irritation Category 2B
FL 3	Flammable Liquid, Hazard Category 3
FL 4	Flammable Liquid, Hazard Category 4
FS 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H371	May cause damage to organs (organs, exposure route).
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P311	Call a POISON CENTRE or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P361	Remove/Take off immediately all contaminated clothing.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B
STO-SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.