Safety Data Sheet

In accordance with US 29 CFR 1910.1200 (HazCom 2012)

Product name	**Fraser Fir**
Product code	**FRAG-00124**
Version	**15.0**
Revision date	**10 NOV 2026**
Identified uses	**Perfume compound**
Intended use	**Fragrances**

Section 1 — Product And Company Identification

Supplier

Scented Supplies
41W195 Railroad St
Unit D
Pingree Grove, IL 60140
United States of America
224-530-3021 · www.scentedsupplies.com

Emergency telephone

224-530-3021

Section 2 — Hazards Identification



Classification (OSHA HCS)

Hazard class	Category
Flammable liquids	Category 4
Eye irritation	Category 2A
Skin sensitisation	Category 1

Signal word: Warning

Hazard statements

H227 Combustible liquid.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing mist or vapours.

P264 Wash skin thoroughly after handling.

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

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

P302 + P352 IF ON SKIN: Wash with plenty of 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.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P403 Store in a well-ventilated place.

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards Not Otherwise Classified: None

Please note:Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

Ingredients with unknown acute toxicity: 0 %

Section 3 — Composition/information On Ingredients

Hazardous components

Component	CAS-No.	Concentration [%]
1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate	125-12-2	65.00 - 85.00
diethyl malonate	105-53-3	10.00 - 30.00
3-hydroxy-2-ethyl-4H-pyran-4-one (=ethyl maltol) 2,6,6,8-Tetramethyl 77-54-3 1.00 - 5.00 tricyclo(5.3.1.0(1.5))undecan-8-yl acetate 2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten -1-yl)-2- 28219-61-6 0.50 - 1.50 buten-1-ol (main component)	4940-11-8	1.00 - 5.00

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4 — First Aid Measures

First aid measures

Description of first aid measures

General advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Consult physician or Poison Control Center. The National Hotline for US Poison Control Centers is 1.800.222.1222; https://www.poison.org
If inhaled	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	Immediately seek medical attention if chemical entered ear canal. If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact	Protect unharmed eye. Remove contact lenses. Immediately flush eye(s) with plenty of water. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed Most important symptoms May cause an allergic Causes serious eye irritation. Indication of any immediate	Immediately consult Poison Control Center or physician. Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. and effects, both acute and delayed skin reaction. medical attention and special treatment needed

Treat symptomatically.

Section 5 — Firefighting Measures

Extinguishing media

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media Special hazards arising	High volume water jet from the substance or mixture
Specific hazards during firefighting	Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from fire fighting to enter drains or water courses.

Advice for firefighters

Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Section 6 — Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep people away from and upwind of spill/leak. In the case of vapour formation use a respirator with an approved filter. For emergency conditions, use an approved positive-pressure self-contained breathing

apparatus. Material can create slippery conditions. Use personal protective equipment.

Environmental precautions

Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

Clean contaminated floors and objects thoroughly while observing environmental regulations. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

Section 7 — Handling And Storage

Precautions for safe handling

Advice on safe handling	Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
Advice on protection against fire and explosion Conditions for safe storage,	Do not spray on a naked flame or any incandescent material. Keep away from open flames, hot surfaces and sources of ignition. including any incompatibilities
Requirements for storage areas and containers	No smoking. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Further information on storage conditions	Ambient / 10-30°C (50-85°F) Dry, well ventilated, preferably full, hermetically sealed
Advice on common storage	Protect against light.
Other data	No decomposition if stored and applied as directed.

Section 8 — Exposure Controls/personal Protection

Exposure Guidelines

Exposure limit(s)	None established

Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the prod-uct’s use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE. The PPE indicated below are recommendations for worst-case scenario exposures. An exposure assessment will identify more applicable measures to be implemented. EN and ANSI standards are mentioned in the following recommendations, consult equivalent local standards when required. PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE.

Engineering measures

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.

Personal protective equipment

Eye/face protection	Use safety goggles and faceshield tested according to EN 166/ ANSI Z87.1 or equivalent local standard.

Hand protection	Use gloves when handling substance in open systems. Inspect gloves prior to use. Train operators for proper use.If only incidental exposure is expected: (work without direct contact to substance) use gloves tested according EN 16523- 1/ASTM F739 or equivalent local standard breakthrough times at least 10 minutes, tested for chemicals indicated in chapter 3 of this SDS. Change gloves frequently. If direct skin contact is expected: use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard, tested for chemicals indicated in chapter 3 of this SDS. Permeation time must exceed contact time.
Other skin protection	Wear working clothes covering arms and legs. The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace. Use apron and sleeve covers or complete chemical suit if exposure is expected.
Respiratory protection	Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, or where indicated by the exposure assessment. Selection of air-purifying or positive-pressure supplied-air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the potential airborne concentrations. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus. In case a risk analysis proved the cartridge respirator as acceptable, use type: ABEK-P3 (EN 14387) OR Combination Multi-gas/P100 (42CFR84.193; ANSI Z88.7 or equivalent local standard) as a backup to engineering controls. In absence of engineering controls, use self-contained breathing apparatus or full face supplied air respirators. Use respirators and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH 42 CFR 84(US).
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures Environmental exposure	Remove contaminated clothing and protective equipment before entering eating areas. Do not eat, drink or smoke during work. Wash hands any time after handling the product. controls
General advice	Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

Section 9 — Physical And Chemical Properties

Physical state	liquid
Form	liquid
Color	colorless to Very slightly yellow
Taste	not determined
Odor	woody, aromatic
Odour Threshold	Not applicable
Flash point	187 °F (86 °C) Method: Grabner miniflash closed cup
Lower explosion limit	not determined
Upper explosion limit	not determined
Flammability	Not applicable
Particle size	no data available

Particle Size Distribution	no data available
Auto-ignition temperature	not determined
Decomposition temperature	no data available
pH	not determined
Melting point	not determined
Boiling point	not determined
Vapor pressure	0.1338 hPa at 68 °F (20 °C) Calculated (100.0 %)
Density	1,000.19 kg/m3 at 68 °F (20 °C)
Bulk density	Not applicable
Solubility/qualitative	practically insoluble
Partition coefficient: n- octanol/ water	Not applicable
Viscosity, kinematic	no data available
Relative vapour density	no data available
Evaporation rate	no data available

Section 10 — Stability And Reactivity

Reactivity

No decomposition if stored and applied as directed.

Chemical stability

No decomposition if stored and applied as directed.

Possibility of hazardous reactions

Hazardous reactions	No decomposition if stored and applied as directed.Vapours may form explosive mixture with air.

Conditions to avoid

Conditions to avoid	Extremes of temperature and direct sunlight.Heat, flames and sparks.

Incompatible materials

Materials to avoid Hazardous decomposition	Not applicable products
Hazardous decomposition products	no data available
Thermal decomposition	no data available

Section 11 — Toxicological Information

Information on toxicological effects

Acute oral toxicity

ATE	> 5,000 mg/kg

1,7,7- Trimethylbicyclo[2.2.1]hept-2-yl acetate	LD50: 9,050 mg/kg Species: Rat
diethyl malonate	LD50: 6,400 mg/kg Species: Mouse
3-hydroxy-2-ethyl-4H-pyran- 4-one (=ethyl maltol)	LD50: 1,150 mg/kg Species: Rat
2,6,6,8-Tetramethyl tricyclo(5.3.1.0(1.5))undecan- 8-yl acetate	LD50: > 5,000 mg/kg Species: Rat
Acute inhalation toxicity	No data is available on the product itself.
Acute dermal toxicity	No data is available on the product itself.
Acute toxicity (other routes of administration)	No data is available on the product itself.
Skin corrosion/irritation	May cause skin irritation and/or dermatitis.
Serious eye damage/eye irritation	Vapours may cause irritation to the eyes, respiratory system and the skin.
Respiratory or skin sensitisation	Causes sensitisation.
Mutagenicity	No data is available on the product itself.
Teratogenicity	No data is available on the product itself.

Reproductive toxicity

Not classified due to lack of data.

Carcinogenicity:

IARC	Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	Remarks : No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.
NTP	Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
STOT - single exposure	No data is available on the product itself.
STOT - repeated exposure	No data is available on the product itself.
Aspiration hazard	No data is available on the product itself.
Further information Please note: Mixtures have presented is provided in accordance individual components which tested at higher concentrations	no data available not been tested for health hazards. The health hazard information with US 29 CFR 1910.1200 and is based on the testing of have been shown to cause or may cause these health effects when or at full strength.

Section 12 — Ecological Information

Ecological information is not reported.

Section 13 — Disposal Considerations

Product	Dispose of in accordance with local, state and federal regulations. 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. Send to a licensed waste management company.
Contaminated packaging Dispose of in accordance	Do not expose containers to high temperatures such as in hot work processes. Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. with local regulations.

Section 14 — Transport Information

14.1 UN number

49 CFR	NA 1993
IMDG	UN 3082
IATA 14.2 UN proper shipping	UN 3082 name
49 CFR	Combustible liquid, n.o.s. : (,)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. : (EXTRACTS, LIQUID)
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Extracts, liquid)

14.3 Transport hazard class(es)

49 CFR	Comb. liq.
IMDG	9
IATA	9

14.4 Packing group

49 CFR	III
IMDG	III
IATA	III

14.5 Environmental hazards

49 CFR

Marine pollutant	no

IMDG

Marine pollutant	yes

IATA (Passenger)

Environmentally hazardous	yes

IATA (Cargo)

Environmentally hazardous 14.6 Special precautions	yes for user

49 CFR

Emergency Response Guidebook Number 49CFR: no dangerous 4 9CFR:Non-Bulk Packaging	128 good in non-bulk packaging (<119 Gallons for liquids and <882 Lbs. Solids).
Remarks	Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters).

IMDG

IMDG Code Segregation Group 14.7 Transport in bulk according Not applicable for product	None to IMO instruments as supplied.

Section 15 — Regulatory Information

Only relevant information is reported

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

TSCA list

No substances are subject to TSCA 12(b) export notification requirements.

SARA 311/312 Hazards.	Flammable (gases, aerosols, liquids, or solids) Respiratory or skin sensitization Serious eye damage or eye irritation

Section 16 — Other Information



Further information

Emergency contact numbers: see Section 1 of this Safety Data Sheet.

Key or legend to abbreviations and acronyms used in the safety data sheet

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent,

Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct 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 to be considered a warranty or quality specification. 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.

Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Scented Supplies.

Version	15 0
Revision Date	10 NOV 2026
Print Date	23 NOV 2026

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